MODULUS

1949

LIBRARY

Angola, Indiana Tri-State College

We live in an age when knowledge must be shared. It is our privilege to co-operate with the students in offering means whereby they may better direct their efforts—each to his chosen field.

If all Rules and Regulations voiced by the college librarian are carefully obeyed, it will save confusion and make it more convenient for the student body.

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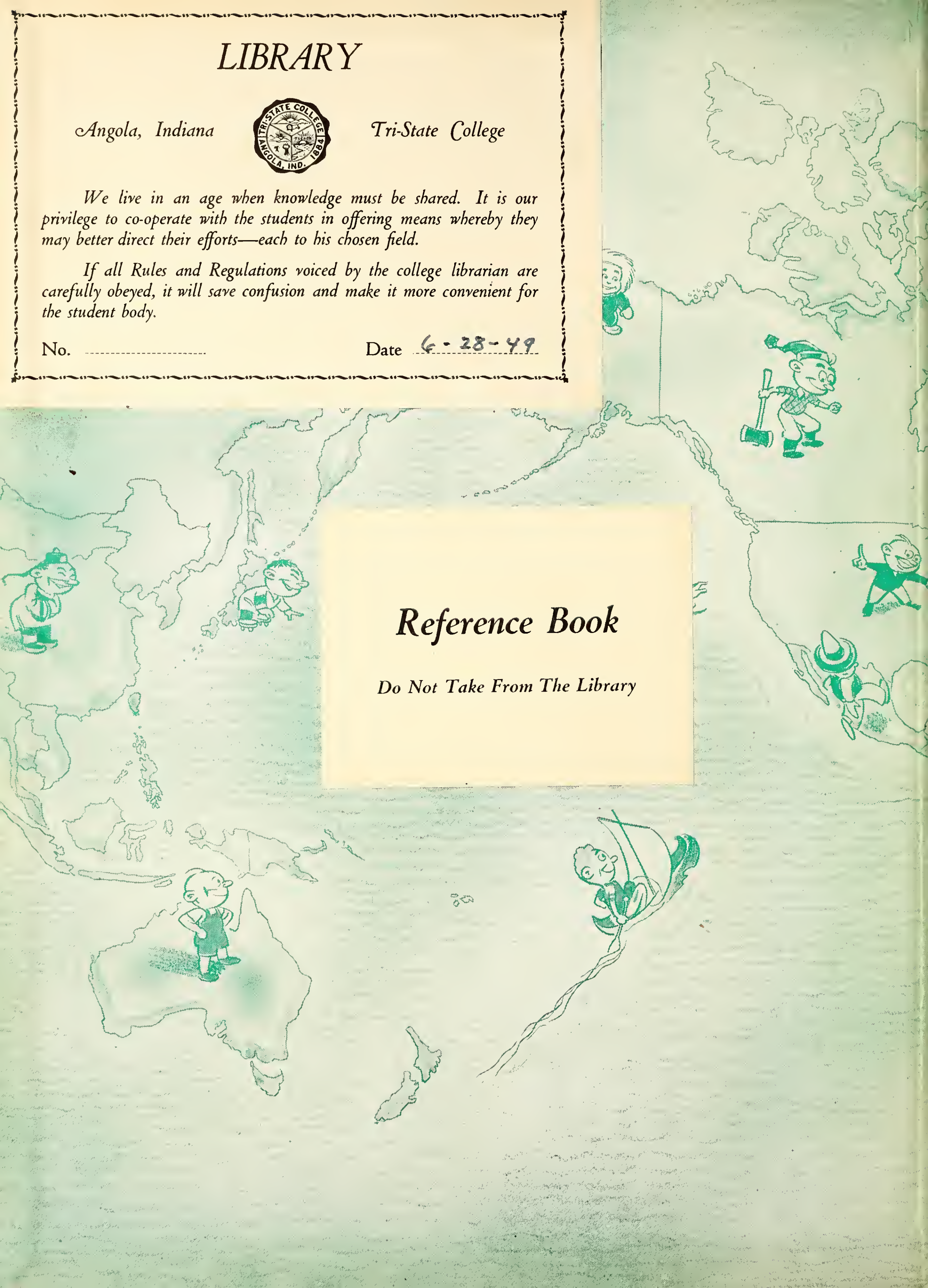

Reference Book

Do Not Take From The Library

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TRI-STATE COLLEGE
ANGOLA, IND.

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FOREWORD

This book has been prepared for you as a memento of the days you have invested here at Tri-State College.

I know I speak for the entire Modulus staff when I say that we believe this book will one day be a source of fond memories for you; a volume to be cherished among your dearest possessions.

Editor-in-chief
William L. Thornlby
Modulus Staff

The 1949

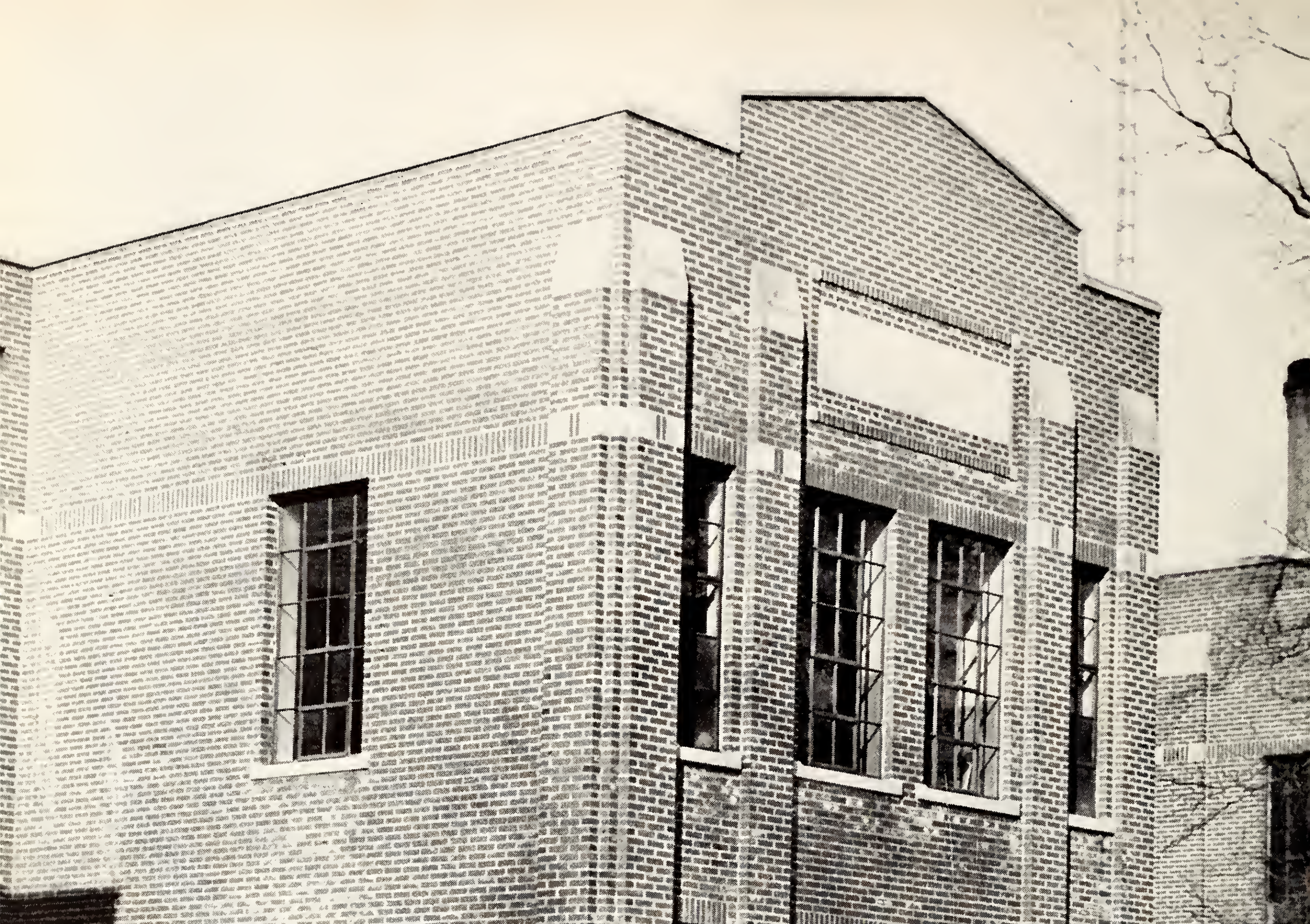
MODULUS

COMMERCE
ENGINEERING

of Tri-State College, Angola, Indiana

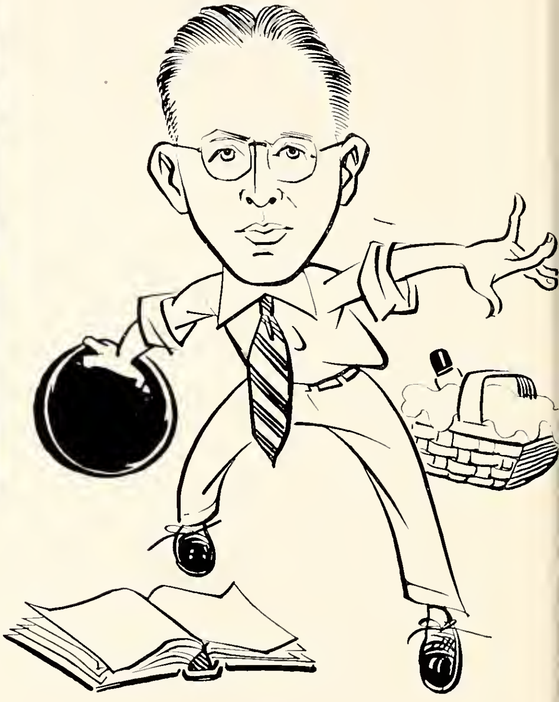
The Gate . . .

and The Arch



Mechanics . . .

and Administration

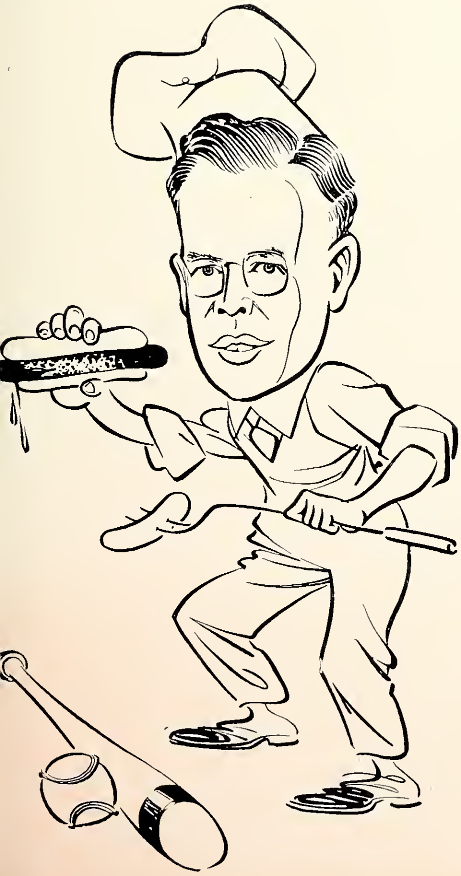


DEDICATION

Howard . . .

and Harold

We respectfully dedicate this yearbook to the two men whose altruistic deeds and aims have gained them the respect and admiration of all.



J. Glenn Radcliffe

Tri-State College
Engineering - Commerce
Angola, Indiana

June 9, 1949

Members of the Graduating Class of 1949

The responsibility for the destinies of mankind has by various circumstances become an obligation of this great nation of ours. Great governments have come and gone; great empires have risen to sublime heights and then fallen into oblivion only because the citizenry could not assume the responsibility placed upon it. Today we are living in an age of science. Some would have us believe that our obligation to society can be fulfilled through scientific methods.

You who are going out into the world of competition have been trained to apply sound logic to the solution of all problems, and you must assume the responsibility and accept the obligation of trying to make this country the guiding light of the world in this hour of darkness. You are challenged to contribute your efforts and talents to the preservation of democracy for free people by applying your knowledge and training in whatever field of service you are called upon to direct.

We wish for the members of the graduating class of 1949 all of the success that it is humanly possible to attain.

J. Glenn Radcliffe

J. Glenn Radcliffe

J. GLENN RADCLIFFE
Executive Vice President

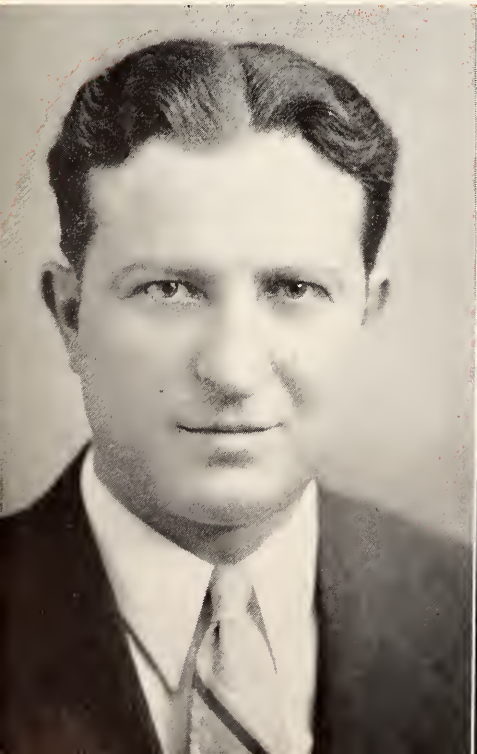
VERN B. JONES
Registrar

MERRIT D. BOYER
Secretary
Coordinator of Veteran Affairs

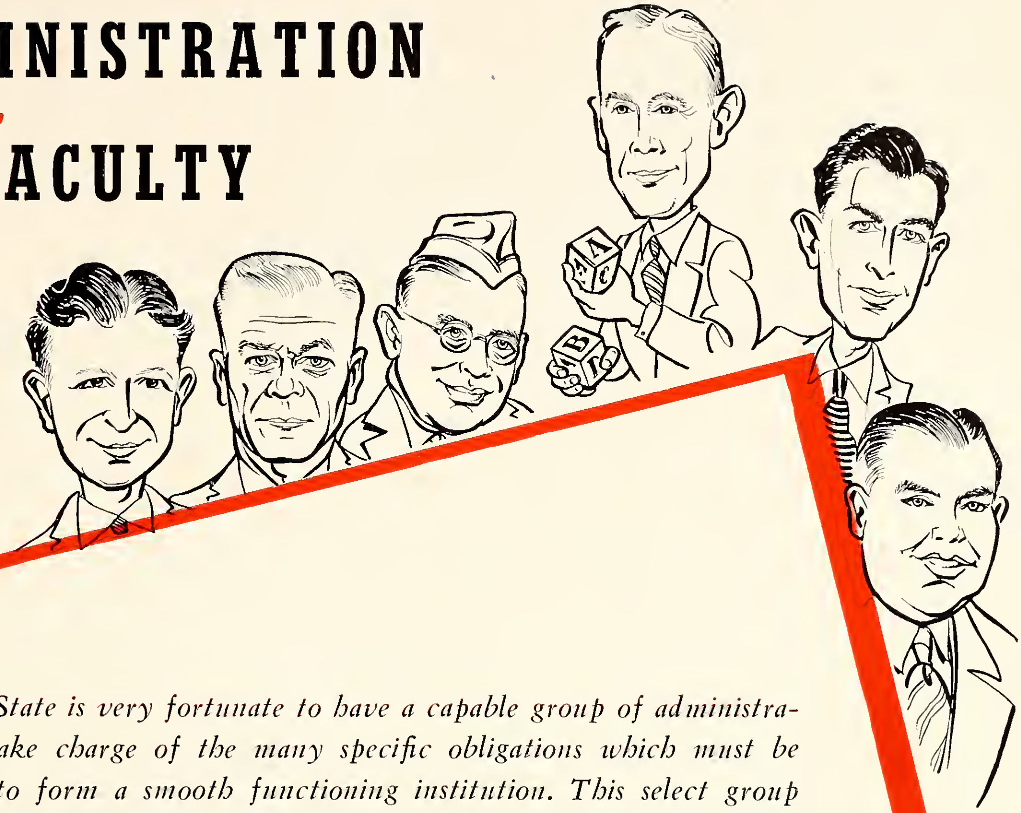
GERALD MOORE
Dean of Admissions
Director of Placement

BILLY SUNDAY
Treasurer

ROY C. BODIE
Director of Housing



ADMINISTRATION and FACULTY



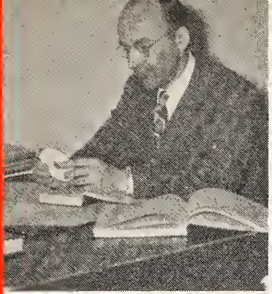
Tri-State is very fortunate to have a capable group of administrators to take charge of the many specific obligations which must be fulfilled to form a smooth functioning institution. This select group of competent individuals is responsible for many of the services available to the students and faculty.

Board of Directors

FRANK WELLS
PERRY T. FORD

MARK WOODHULL
THEODORE WOOD

RAY ALWOOD
RAYMOND E. WILLIS



Stanley M. Acton
Aero Engineering

Anthony Andolina
Mechanical Laboratory

Virgil G. Areaux
Drawing

Leland S. Ax
Radio Engineering

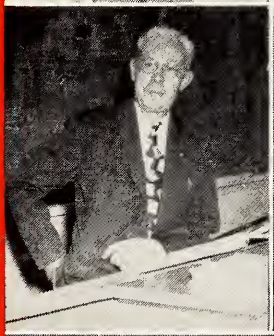
Carl Becker
Mathematics

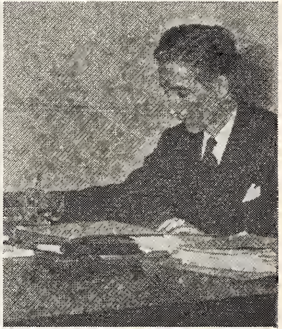
Max J. Bezik
Chemistry Laboratory

Leonard Burchfield
Civil Laboratory

Ross A. Butler
Mathematics & Mechanical

Mary E. Disher Carney
English

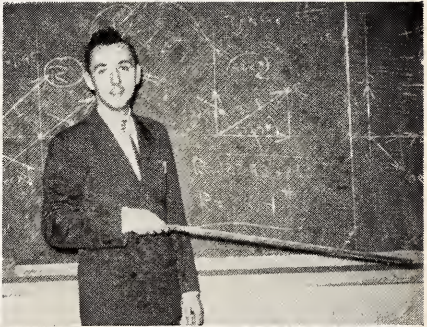




Jonas G. Crisman
Secretarial

James Crowl
Chemistry Laboratory

Robert Divine
Athletics



Henry H. Fisher
Physics

Gordon H. Fries
Aerodynamics

Frank T. Gabrielson
Radio Engineering

Ralph H. Gilchrist
Electrical Engineering & Mathematics

Fred W. Goudy
Mathematics & Law

Alexander P. Gwiazdowski
Industrial Engineering & Tool Design

Cecil Hauber
Civil Engineering

Quintin J. Hawthorne
Aeronautical Engineering

Arthur Hockey
Mathematics & Drawing

Harold R. Hoolihan
Business Administration

Howard W. Hoolihan
Accounting

Leroy C. Horpedahl
Mechanical Engineering

John C. Humphries
Mechanical Engineering

Vern B. Jones
Registrar

Dino Kintis
Aeronautical Engineering

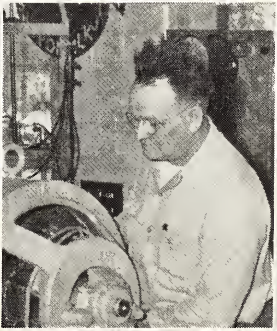
Harold E. Mills
Physics & Chemistry

Gerald H. Moore
Chemical Engineering

Gilbert W. Morrell
Business Administration

Oscar Nelson
Electrical Laboratory

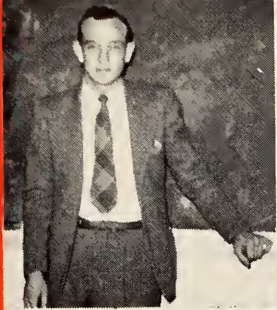
Kenneth C. Newnam
Chemistry & Mathematics



Booster Club
BOOSTER CLUB
WEDNESDAY

Alice A. Parrott
Mathematics

Robert G. Ramsay
Business Administration



James E. Redd
Accounting

Minard F. Rose
Mathematics

Chester A. Rumble
Mathematics

Ben D. Selfridge
Engineering & Drawing

Geo. F. Schultz
Physics & Mathematics

Clyde E. Shaw
Electrical Engineering

Edward G. Shideman
Mechanical Engineering &
Mechanical Design

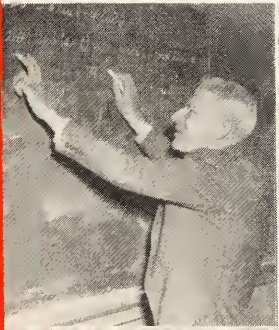
Stefan J. Salina
Chemical Engineering

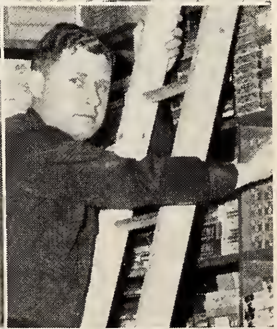
Kenneth Steele
Physics

John B. Tressler
Physics Laboratory

Mack Tucker
Mathematics & Chemistry

Matthew E. Westenhaven
Radio Laboratory

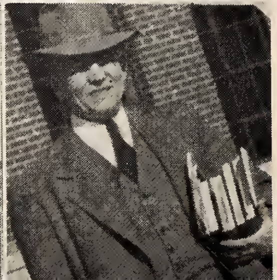




Marshall D. Willennar
Mathematics & Physics

Eleanor L. Tarbell
Librarian

Cleon C. Wells
College Book Store



Mrs. Glenn Radcliffe
College Book Store

George Clark
College Cafeteria

Lloyd D. Auten
Electrical Engineering

The Office Staff

Mervonne McKenzie
Main Desk
Felice Skidmore

Mickey Grueling
Admissions Department
Elaine Molnar

Marianne McClish
Registrar's Department
Dottie Rickert

Bernice Strickler
Treasurer's Office
Harriet Raynor

Betty Leeke
G. I. Department
Jean McCarthy

Betty McCollum
Placement

The Print Shop

The Tri-State College Printing Shop was organized in 1937 at which time the school purchased one 7x11 Chandler-Price hand-fed Platen Press and a few fonts of foundry type. The next year Roy C. Bodie was placed in charge of the shop.

Since that time the undertaking has grown into a modern printing shop which includes an automatic Miehle Vertical Press, two Platen Presses (7x11 and 10x15), one offset press, one automatic power cutter, an automatic stitcher and an automatic 17x22 Baum folder.

In the spring of 1948 the original one room was expanded to cover the entire west half of the Administration building's first floor. The extra space and modern equipment enables the College to do nearly all of its printing. It also provides steady employment for an experienced printer and three assistants as well as part-time work for a number of college students.

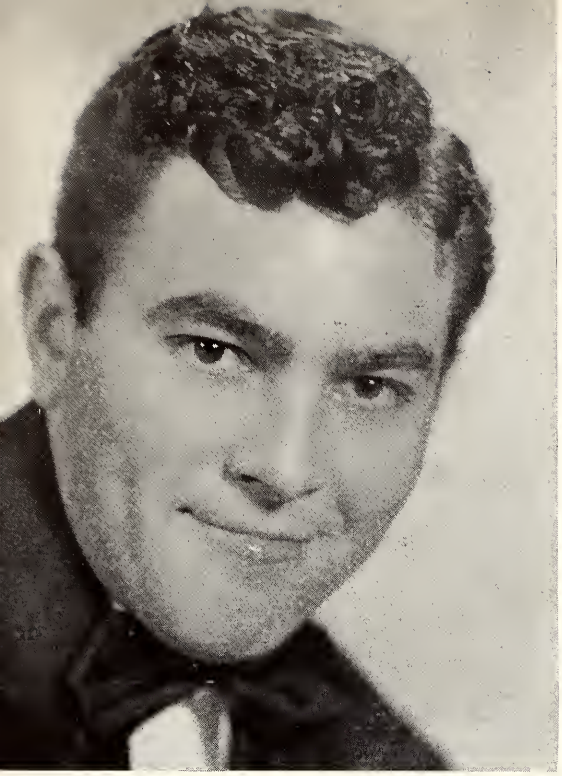
Besides printing, the shop personnel has charge of the alumni file, directs student housing, and acts in an advisory capacity for student publications.

PRINT SHOP SCENES

Roy C. Bodie, Jr., Helen Dennis, Aina Rappold, Aina, Helen, Roy.

Dorothy Monroe, Roy, Aina.

Margie Biehl, Richard Koehn, Cindy and Candy, Jayne Springer.



FRANK PATOTA
President

Class

The graduating class of 1949 *was very fortunate to have as their class officers four men who were true*

THOMAS MILLER
Secretary

Officers

leaders both in ability and intelligence. Their guidance and leadership will long be remembered.

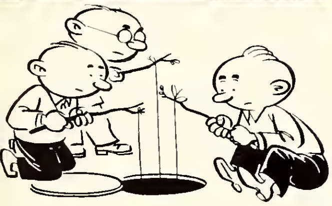
JOSEPH CHIMENTI
Vice President

HOWARD SULLIVAN
Treasurer

Howard Hoolihan
Accounting Department Head

Harold Hoolihan
Business Administration Department Head

Jonas Crisman
Secretarial Science Department Head

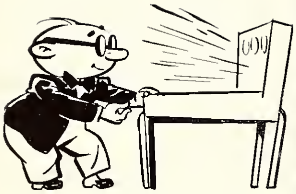


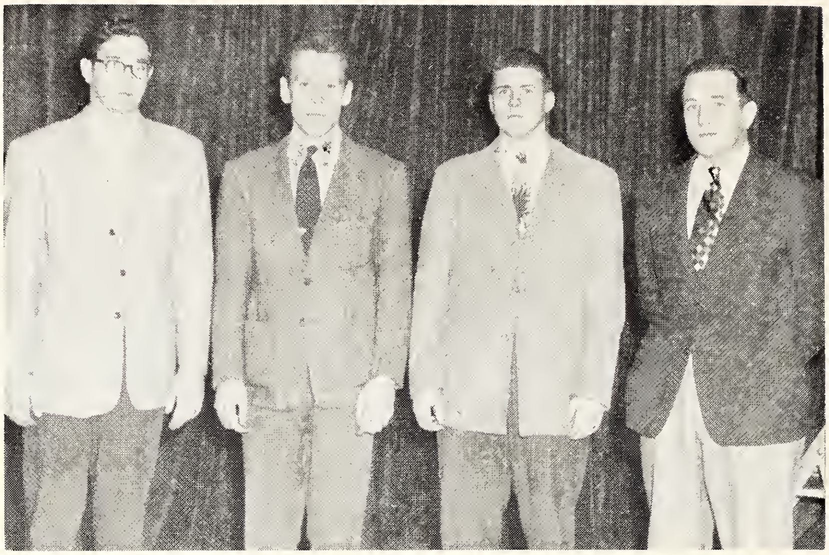
Commerce Department

The purpose of the School of Commerce is to help worthy young men and women develop into executives with minds trained to work out the newer problems of business. The entire American economic life is changing rapidly, bringing about an unprecedented growth of perplexities. This has developed an unusual demand for competent persons to fill important positions of control.

The School of Commerce consists of three divisions; Accounting, Business Administration, and Secretarial Science. Each department offers specialized instruction and study in these three fields of commercial endeavor with a Bachelor of Science being awarded at the completion of the prescribed course.

COMMERCE





OFFICERS

Left to Right: Leon M. Goldberg, Robert E. Johnson, Donald E. Lobb, Walter L. Clark.

Alpha Beta Alpha

The purpose of this Honorary Society, which was founded in 1938, is to promote and recognize scholastic ability, leadership, and character among the students of the School of Commerce.

Six members are elected into the Society each term. The requirements for eligibility are based primarily on scholarship.

Under the guidance of Professors H. R. Hoolihan and H. W. Hoolihan, the society encourages its members and all future members to maintain a high scholastic standing. The high ideals set by Alpha Beta Alpha serve as an incentive to all students in the Commercial School.

Alpha Beta Alpha

WALTER L. CLARK

DONALD F. CREEDMAN

RALPH F. FOX

LEON M. GOLDBERG

HAROLD R. HOOLIHAN

HOWARD W. HOOLIHAN

DONALD E. LOBB

VICTOR F. MAINENTE

STANLEY J. MARCUS

FRED C. SCHMIDT

JAMES REDD

CLYDE J. UNDERWOOD

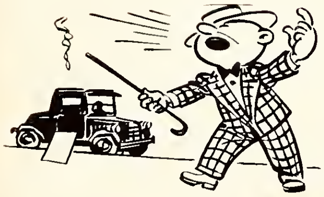
LIBRARY
TRI-STATE COLLEGE
ANGOLA, IND.

Sigma Epsilon Society

The Sigma Epsilon Society was organized in 1933. The aims of this society are mainly to create a spirit of initiative in the Commercial student by offering him an outlet for his energies. Competent men in the business world address the students at the meetings held during the term on subjects pertinent to the present day business problems.

Educational movies on related subjects are shown to the members to help acquaint them with their future work.

Committees are appointed to survey industrial plants and commercial departments to find out what qualities personnel managers require of graduates seeking employment.



OFFICERS

Left to right: Scott McCurdy, (*Secretary*); William L. Thourlby (*Vice President*); Richard Stout (*President*); Fred C. Schmidt (*Treasurer*).

Sigma Epsilon Society

FOURTH ROW

Peg Shideman, Kathleen Schmidt, Joseph Sowa, Jack K. Slaten, Albert H. Paddock, Stanley I. Natowitz, Theodore Kyle, Raymond L. Urch, Warren K. Storm, Charles C. Gilbert, Hermino Diaz.

THIRD ROW

Malcolm Kaser, Frank W. Gatesy, Donald E. Lobb, Kendall Griffin, Hugh Gunte, John T. Norris, Leonard J. Lastoria, Joseph A. Lastoria, Donald L. Badders, Robert L. Johnson, Cas Strelinski, Peter L. Bryan, W. H. Reichart.

SECOND ROW

Edward McMurray, Donald J. Buck, Alex J. Schultz, William Johnson, Ralph F. Fox, D. E. Woudy, P. C. Miller, J. G. Hegner, R. G. Lintern, Donald F. Creedman, C. H. Peterson, Leon G. Bruneel, Professor Howard Hoolihan.

FRONT ROW

Elmo Novelli, Basil Kio, Fred C. Schmidt, Richard W. Stout, T. Scott McCurdy, C. A. Reid, Herbert Ritenour.

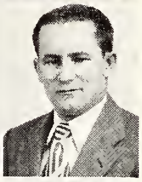
Bachelor of Science

JAMES S. ACKERMAN
South Bend, Ind.
Sigma Epsilon

ANDRES BERMUDEZ
Coamo, Puerto Rico
Alpha Beta Alpha Society, Phi Iota Alpha Fraternity

LEON GASTON BRUNEEL
St. Joseph, Mich.
Sigma Epsilon, Basketball

WALTER L. CLARK
Griswoldville, Mass.
Skull & Bones C. O. A., Sigma Epsilon, Alpha Beta Alpha, Student Council



WILLIAM E. CUTLER
Youngstown, Ohio
Sigma Epsilon

HERMINIO DIAZ
Vieques, Puerto Rico
Phi Iota Alpha, Alpha Beta Alpha, Student Council. Tri-Angle, Sigma Epsilon

ANGELO DeMINICO
Manchester, Conn.

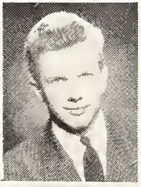
RICHARD ALBERT EVANS
Edgeworth, Pa.
Sigma Epsilon, Alpha Beta Alpha, Skull & Bones C. O. A., Student Council, Tau Kappa Epsilon

RALPH FRANCIS FOX
Hillside, Illinois
Sigma Epsilon, Skull & Bones C. O. A., Student Council, Alpha Beta Alpha, Commercial Bowling Team, Basketball Team, Golf Team, Tri-Angle, Who's Who

LEON M. GOLDBERG
East Chicago, Ind.
Alpha Beta Alpha, Skull & Bones C. O. A., Student Council, '48 Modulus, Tri-Angle, Sigma Epsilon

KENDALL WATT GRIFFIN
Reidsville, N. C.
Sigma Epsilon

HUGH E. GUNTER
Elkhart, Ind.
Sigma Epsilon, Tri-Angle (Adv. Mgr.)



JOSEPH GERARD HEGNER
Sewickly, Pa.
Sigma Mu Sigma, Student Council

DONALD JUNIOR HOLWERDA
Goshen, Indiana
Band, Sigma Epsilon, Alpha Sigma Phi

DAVID RICHARD HOSLER
Quincy, Michigan
Beta Phi Theta, College Tennis Team

ROBERT L. JOHNSON
Albion, Michigan
Sigma Epsilon, Alpha Beta Alpha

WILLIAM RICHARD JOHNSON
Hillsdale, Michigan
Sigma Epsilon, Alpha Sigma Phi, Tennis Team

In Accounting

ROBERT JONES, JR.
Scranton, Pa.
Sigma Epsilon

THEODORE F. KYLE
Pittsburgh, Pa.
Sigma Epsilon

DONALD ERNEST LOBB
Linden, Michigan
Sigma Epsilon, Commercial Bowling League, Alpha Beta Alpha

VICTOR FRANCIS MAINENTE
Jersey City, N. J.
Phi Kappa, Alpha Beta Alpha

STANLEY J. MARCUS
East Chicago, Ind.
Tri-Angle Editor, Modulus (Asst. Bus. Mgr.) Skull & Bones C. O. A., Sigma Epsilon, Alpha Beta Alpha, Student Council

RALPH HAROLD MARTIN
Angola, Ind.
Sigma Epsilon, Band, Commercial Bowling League

MATTHEW MARION MICHALAK
East Chicago, Ind.
Sigma Epsilon, Inter-Fraternity Council, Student Council, Modulus Staff, Tau Kappa Epsilon

KIYOSHI MIYASATO
Kapaa, Kauai, Hawaii

STANLEY FRANKLIN REIMANN
Belvidere, Illinois
Sigma Epsilon

FRED C. SCHMIDT
Rochester, New York
Sigma Epsilon, Alpha Beta Alpha, Tri-Angle, Bowling, Student Council, Treasurer, Senior Class '49

JACK K. SLATEN
Gary, Ind.
Sigma Epsilon

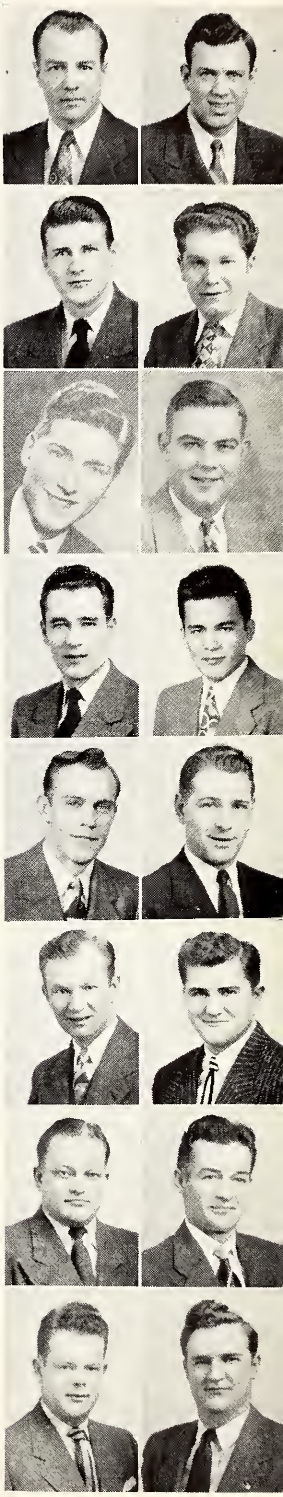
CASIMIR S. STRELINSKI
Michigan City, Ind.
Sigma Epsilon, Tri-Angle, Alpha Gamma Upsilon, Basketball

CLYDE JACKSON UNDERWOOD
Calhoon, Georgia

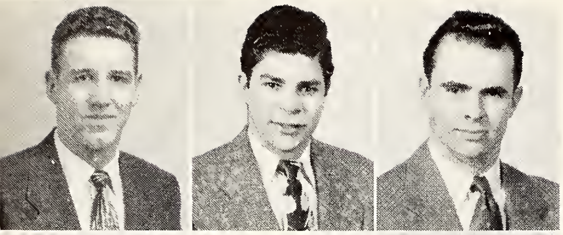
EDWARD JOHN URBAN
Wheeler, Mich.
Sigma Epsilon

JOSEPH BLACK WILMER
Covington, Va.
Sigma Epsilon, Phi Sigma Chi

MILTON C. WILMER
Covington, Va.



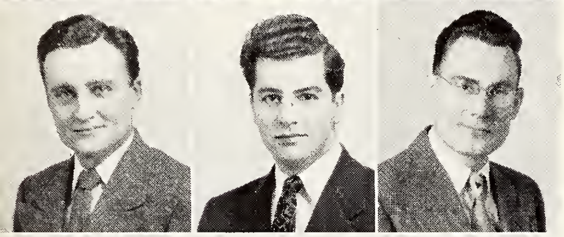
Bachelor of Science



JAMES S. ACKERMAN
South Bend, Ind.
Sigma Epsilon Society

SADI BACO
Yauco, Puerto Rico
Sigma Epsilon Society, Phi Iota Alpha

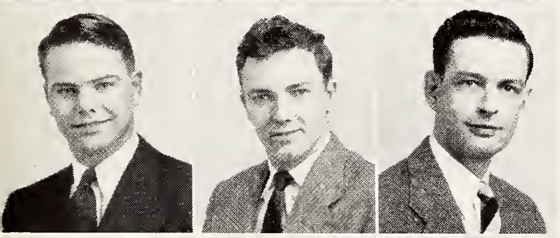
CLYDE ERWIN BARNETT, JR.
Swartz Creek, Mich.
Sigma Epsilon Society, Phi Sigma Chi



ARTHUR E. BROWN
Detroit, Mich.
Tau Kappa Epsilon

PETER L. BRYAN
Kersey, Pa.
Sigma Epsilon Society, secretary, Alpha Sigma Phi, Tri-Angle

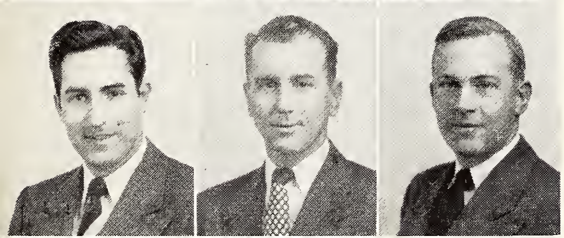
DANIEL JOHN BURZYNSKI
Milwaukee, Wis.
Sigma Epsilon Society



MARTIN ROBERT CHRISTIANSEN
Muskegon, Mich.
Sigma Epsilon Society, Tau Kappa Epsilon, Commercial Bowling League

DONALD F. CREEDMAN
Mansfield, Ohio
Sigma Epsilon Society, Alpha Beta Alpha, Skull & Bones C. O. A., Tri-Angle, Booster Club, Who's Who, Student Council, president, Tennis Team, Fencing Team

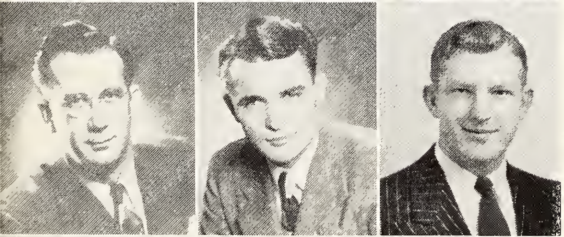
RICHARD ALBERT EVANS
Edgeworth, Pa.
Sigma Epsilon Society, Alpha Beta Alpha, Tau Kappa Epsilon, Student Council, Skull & Bones C. O. A.



RALPH FRANCIS FOX
Hillside, Ill.
Sigma Epsilon Society, Alpha Beta Alpha, Tri-Angle, Basketball, Golf Team, Student Council, Who's Who, Skull & Bones C. O. A.

FRANK WILLIAM GATESY
Lincoln Park, Mich.
Sigma Epsilon Society, Theta Mu Pi

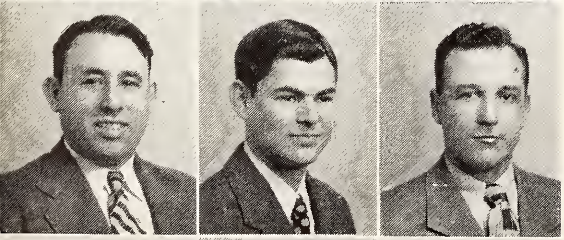
CHARLES C. GILBERT
LaGrange, Ind.
Sigma Epsilon Society



JOSEPH GERARD HEGNER
Sewickley, Pa.
Sigma Mu Sigma, Student Council

LOREN EDWIN HEINLEN
Garrett, Ind.

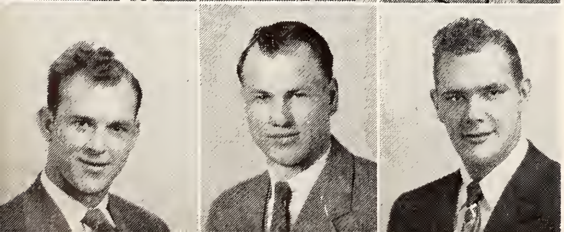
ROBERT LeROY HELLER
Montpelier, Ohio



LOUIS KAPLAN
Chelsea, Mass.
Theta Mu Pi, Photographic Society

MALCOLM A. KASER
Coldwater, Mich.
Sigma Epsilon Society

DANIEL FRANCIS KELLEHER
Springfield, Mass.
Phi Kappa, Student Council, Athletic Board, Booster Club, Skull & Bones C. O. A.



BASIL E. KIO
Port Allegany, Pa.
Sigma Epsilon Society, Phi Sigma Chi, Alpha Gamma Upsilon, Tri-Angle, Inter-Fraternity Council, Secretary of Senior Class

BUDDIE GUY LEPLEY
Ashley, Indiana

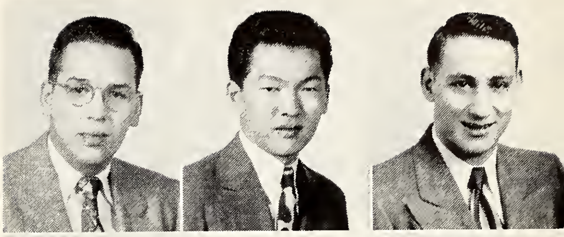
RAYMOND G. LINTERN
Huntington Woods, Mich.
Sigma Epsilon Society

In Business Administration

CARLOS MARTINEZ
Lynbrook, N. Y.
Sigma Epsilon Society, Phi Kappa, Student Council, secy.

MITSUGI MUROBAYASHI
Hawi, Hawaii
Sigma Epsilon Society

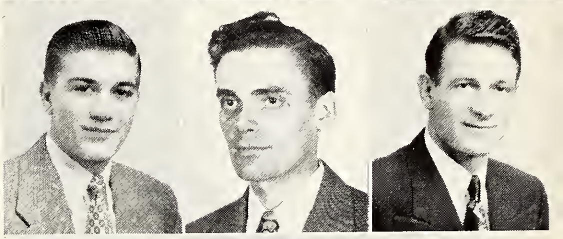
STANLEY I. NATOWITZ
Potsdam, New York
Sigma Epsilon Society, Theta Mu Pi, '49 Modulus, Student Council, Tri-Angle, Booster Club



ELMO SAM NOVELLI
Chicago, Ill.
Sigma Epsilon Society, Phi Sigma Chi

ROBERT SCOTT OVERMYER
Columbus, Ohio
Sigma Epsilon Society, Tri-Angle, (Mgr. Ed.) Radio Engineering Society, Electrical Engineering Society

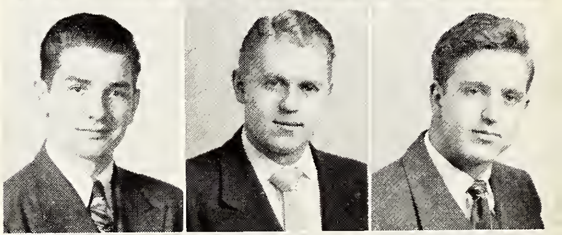
CARL HOWARD PETERSON
Rockford, Ill.
Sigma Epsilon Society



ANDY N. REBOCHAK
Windber, Pa.

CLARENCE A. REID, JR.
Detroit, Mich
Sigma Epsilon Society

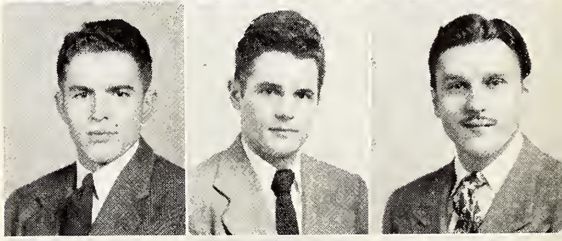
HERBERT H. RITENOUR
New Castle, Ind.
Sigma Epsilon Society



RONALD H. ROSE
Angola, Ind.

ROBERT L. RUBY
New Haven, Conn.
Phi Sigma Chi

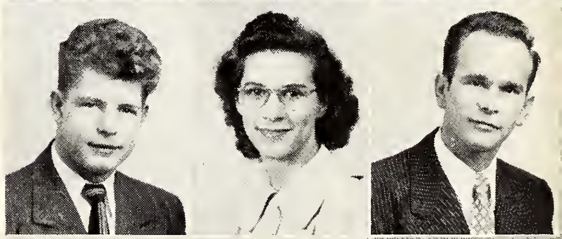
BERNARD A. SCHMIDT
Flint, Mich.



ALEX JOSEPH SCHULTZ
Michigan City, Ind.
Alpha Sigma Phi, treasurer, '49 Modulus, Assoc. Editor, Sigma Epsilon, treasurer, Commercial Bowling Team

RUTH L. SMITH
Cincinnati, Ohio
Sigma Epsilon Society

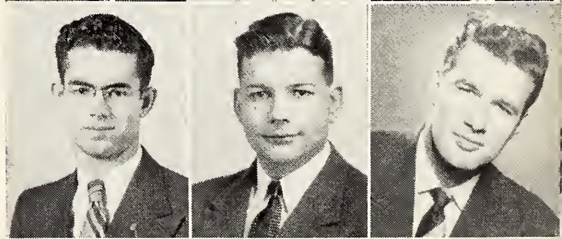
JOSEPH A. SOWA
Grand Rapids, Mich.
Alpha Gamma Upsilon, Student Council, '49 Modulus, Assoc. Editor, Tri-Angle, Editor-in-Chief, Golf Team, Sigma Epsilon Society, Skull & Bones C. O. A.



WARREN K. STORM
Elkhart, Ind.
Sigma Epsilon Society, Tri-Angle, Phi Sigma Chi

RICHARD WILLIAM STOUT
Elkhart, Ind.
Sigma Epsilon Society, president, Student Council, Tri-Angle, Assoc. Editor

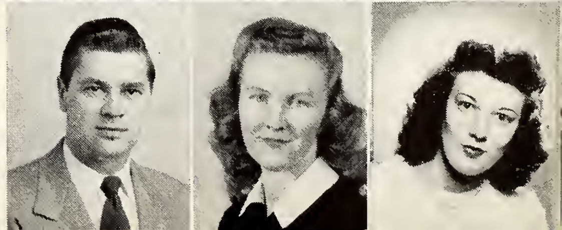
WILLIAM L. THOURLBY
St. Clair, Mich.
Sigma Epsilon Society, vice-president, Alpha Sigma Phi, '49 Modulus, Editor-in Chief, Student Council, Tri-Angle, Commercial Bowling Team, Civic Theater



DONALD E. WOODY
Columbus, Ind.
Sigma Epsilon Society

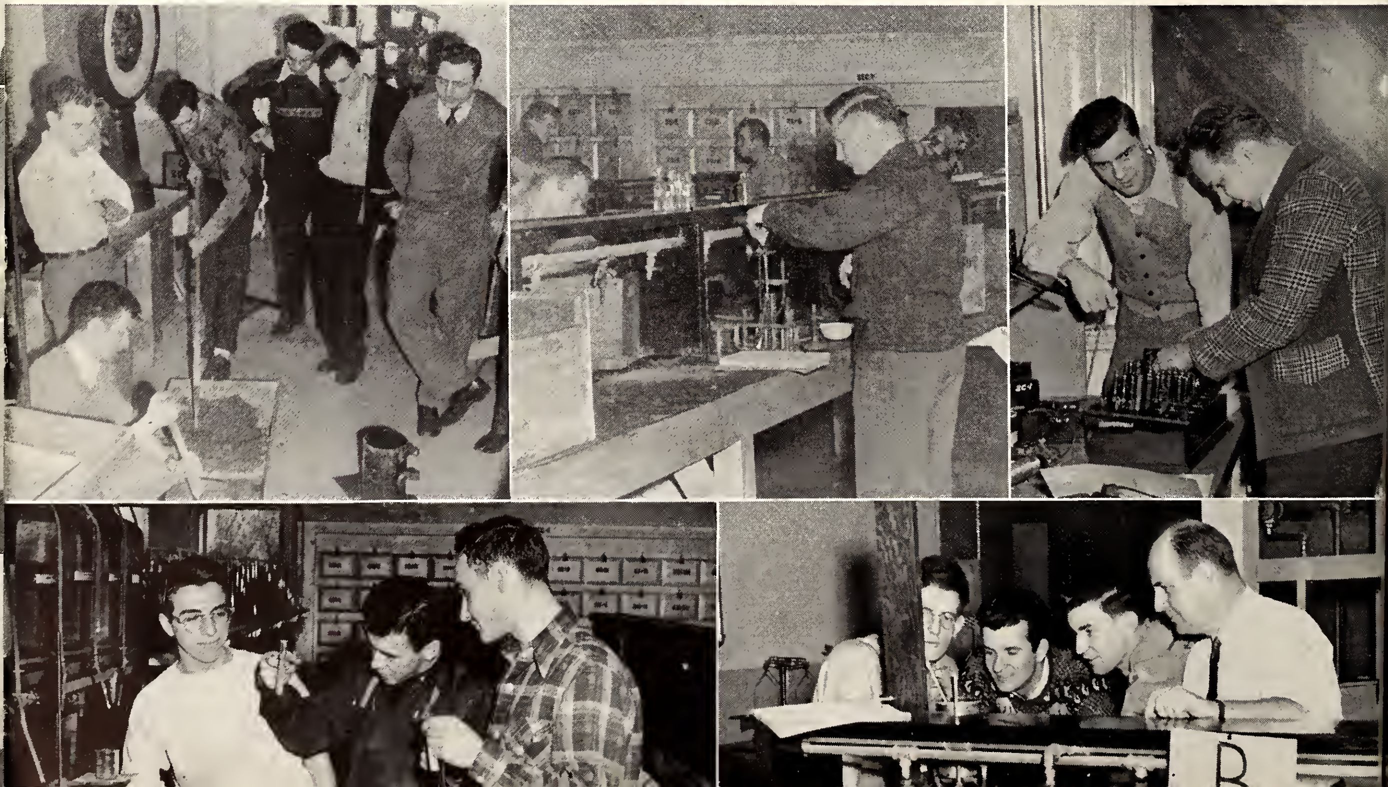
LYDIA L. ABBOTT
Chestnut, Ill.

VIRGINIA LEE SMITH
Angola, Ind.
Sigma Epsilon Society, Tri-Angle, '49 Modulus

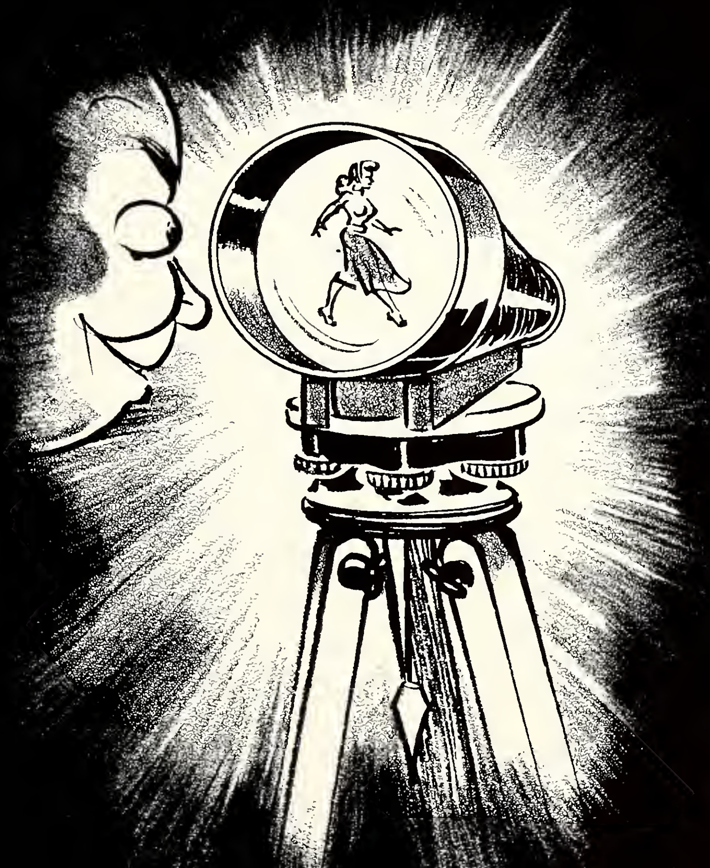


College of Engineering

Along with its innovations in Engineering, Tri-State College has long been distinguished in the field of education for the successful pioneering of degree accelerating courses in Engineering. This becomes possible from the fact that more hours of recitation per week are required at Tri-State College. Tri-State College gives actually more hours of essential technical engineering training than are given in the average four-year course.



ENGINEERING



Tau Sigma Eta

Tau Sigma Eta, honorary engineering society, was incorporated under the laws of the State of Indiana, April 10, 1930. Membership in the society is a reward for outstanding academic work in the Engineering School.

The requirements for admission are, a 2.3 scholastic average out of a possible 3.00, with a maximum of two "C" grades for four consecutive terms. All engineering students with these qualifications are considered for recognition in the society.

Tau Sigma Eta stands for the ideal in campus organization; brotherhood and friendship, a well-balanced social program, and the maintenance of high scholastic records.

Left to Right:

Joseph Hadad
Treasurer

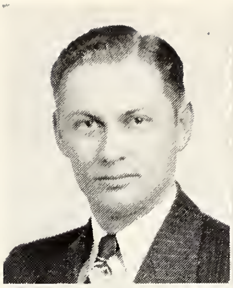
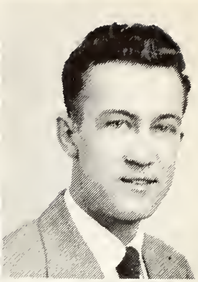
Everett A. Harris
Secretary

Arthur E. Schott
President

Tau Sigma Eta

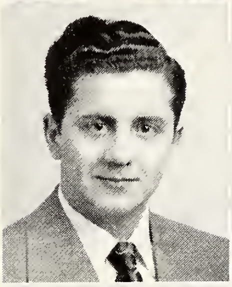
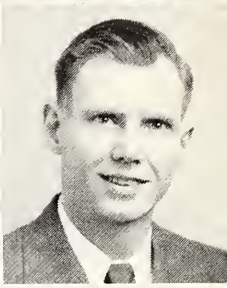
THEODORE K. FERRAND

MARVIN E. GROLL

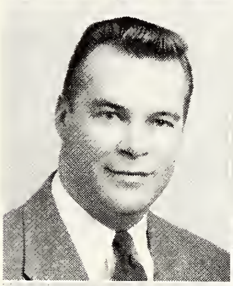
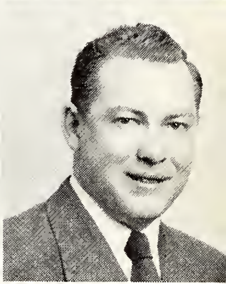
JOSEPH HADAD

EVERETT A. HARRIS

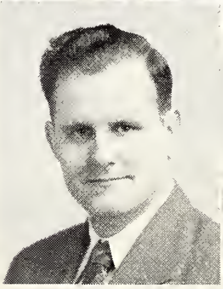
ROBERT B. HILLEN

JOHN P. HINE

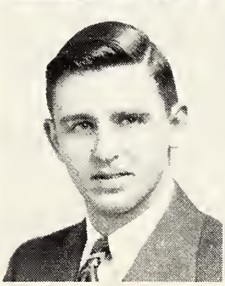
MARTIN W. JONES

ROBERT J. KELEMEN



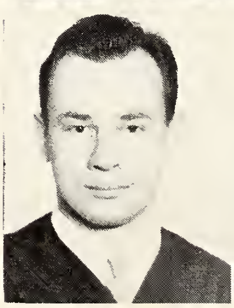
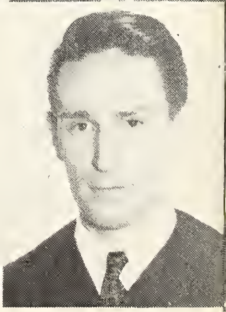
HARRY F. KLETT

RICHARD LaFLEUR



WALTER LENOFF

ROBERT McLAUGHLIN

Tau Sigma Eta

IVAN NICODEMUS

WILLIAM F. PASCOE

PAUL E. PAUL

ORVILLE PRUETZEL

ALBERT J. ROMEO

VINCENT SACCO

ARTHUR E. SCHOTT

GEORGE SINK

MICHAEL A. STRILICH

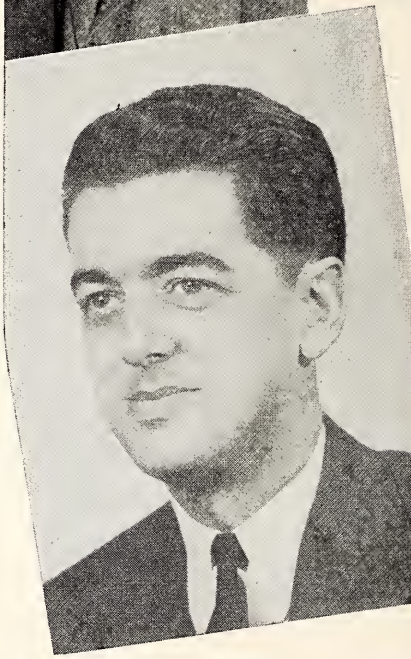
CLARK SWIFT

ARTHUR WILLIAMS

CHARLES E. WITT

OFFICERS

John F. Reinsch, *Treasurer;* Henry L. Roland, *Secretary;* Edward C. Klein, *Chairman;* Harry D. Ballard, *Vice Chairman.*



QUINTIN HAWTHORNE
Department Head

Aeronautical Society

The Institute of the Aeronautical Sciences is a national organization of Aeronautical Engineers. It has as members some of the world's most famous pilots and engineers connected with aviation and its many allied fields.

The Institute publishes a journal to keep members posted on the developments and achievements in the aviation industry.

The business activities are in the hands of four officers: Chairman, Vice-Chairman, Treasurer and Secretary. These four officers are elected by popular vote at a banquet held each term. This banquet is the high spot of each term's activities and usually features a well-known speaker from the aviation industry.

The Aeronautical Society wishes to extend its best for good luck and success to the graduating class of 1949.

FIRST ROW: William P. Doyle, Robert A. Kintz, John F. Reinsch, treasurer; Edward C. Klein, Harry L. Roland, Harry D. Ballard, Paul E. Ruedrich, Paul Dnistran.
SECOND ROW: Boyd L. Smith, John H. O'Hare, William F. Thomas, Professor D. H. Kintis, Professor Quintin J. Hawthorne, Professor Gordon H. Fries, Professor Stanley Acton, Dean B. George, Ray F. Boose, Francis C. Townes.
THIRD ROW: Ernest E. Freund, William A. Setlock, Lewis Malinowski, Julius J. Bajek, William H. Shaw, Don E. Steffe, Edward Henz, John W. Blossom, Jack M. Eicher.
FOURTH ROW: Lugene J. Chesnut, Darreld K. Calkins, Richard W. Gehrins, Norman F. Lang, Dave Yee, Kenneth Dettweiler, William S. Forbriger, Edward J. Singer.

AERONAUTICAL

Bachelor of Science

LEIGH M. BACHMAN
Pottsville, Pa.
Aeronautical Engineering Society

JULIUS J. BAJEK
Passaic, N. J.
Sigma Phi Delta, Institute of Aeronautical Sciences, A. S. T. E., S. A. E.

HARRY D. BALLARD
Twelve Mile, Ind.
Band, Aeronautical Engineering Society

RAY BOOSE
Norwalk, Ohio
Student Council, Aeronautical Engineering Society, Aeronautical Bowling Team

EUGENE J. CHESTNUT
Plainwell, Mich.

KENNETH DETTWEILER
Elkhart, Ind.
Sigma Mu Sigma, President; Aeronautical Engineering Society, Student Council, Skull & Bones C. O. A., Inter-Fraternity Council, Vice-President of Senior Class

PAUL DNISTRAN
Wilkes-Barre, Pa.
Skull & Bones C. O. A., Secretary; Sigma Phi Delta, President; Institute of Aeronautical Sciences, A. S. T. E., S. A. E., Vice President; Student Council

WILLIAM P. DOYLE
Angola, Indiana
Aeronautical Engineering Society

WILLIAM STEWART FORBRIGER
Oxford, Ohio
Alpha Sigma Phi, Aeronautical Engineering Society

RICHARD WEBSTER GEHRING
Rockford, Ill.
Aeronautical Engineering Society

DEAN B. GEORGE
Clarion, Pa.
Sigma Mu Sigma, Aeronautical Engineering Society

EDWARD FRANCIS HENZ
Mastic Beach, L. I., N. Y.
Aeronautical Engineering Society

ROBERT AMBROSE KINTZ
Towson, Md.
Aeronautical Engineering Society

In Aeronautical Engineering

EDWARD KLEIN
Buffalo, N. Y.
Aeronautical Engineering Society, Tau Sigma Eta

NORMAN F. LANG
Woburn, Mass.

LEWIS MALINOWSKI
Batavia, N. Y.
Aeronautical Engineering Society

DAVID ALLEN MENDEL
Pittsfield, Mass.
Aeronautical Engineering Society, College Band

HARRY L. ROLAND
Ft. Worth, Tex.
Institute of Aeronautical Sciences

PAUL E. RUEDRICH, JR.
Lansing, Mich.
Aeronautical Engineering Society

NORMAN D. SENSENBAUGH
Elkhart, Ind.
Sigma Mu Sigma, College Band, Aeronautical Engineering Society

WILLIAM A. SETLOCK
Buffalo, N. Y.
S. A. E., Aeronautical Engineering Society, Photo Society, Student Council, Sigma Phi Delta

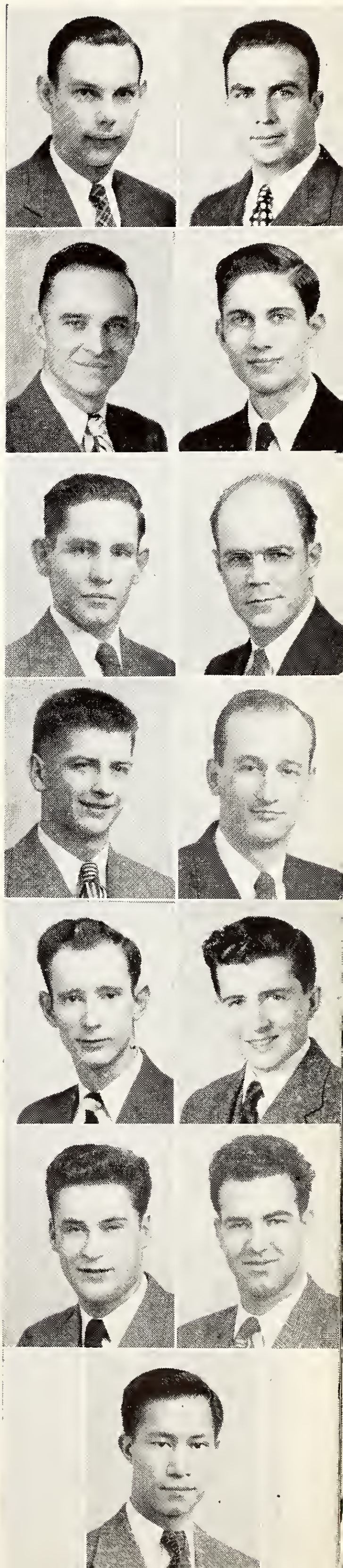
VERN DEAN SHIPLEY
Ann Arbor, Mich.
Tau Kappa Epsilon, Aeronautical Engineering Society, All-American Chorus, Tri-Angle, Skull & Bones, C. O. A., Student Council, Inter-Fraternity Council

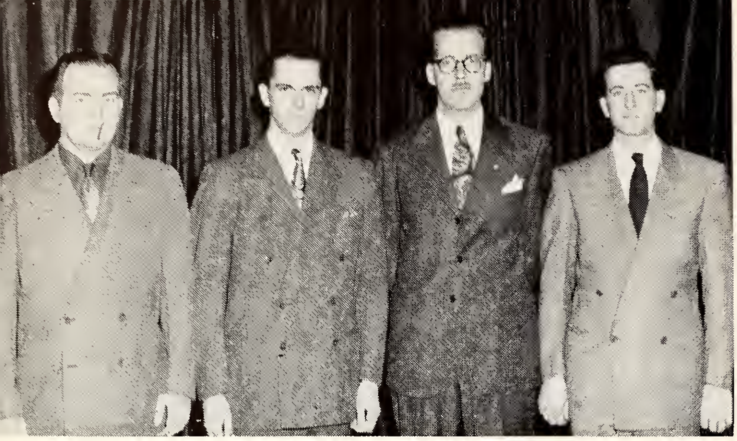
DON E. STEFFE
Butler, Ind.
Aeronautical Engineering Society

BOYD L. SMITH
Girard, Pa.
Sigma Phi Delta, Aeronautical Engineering Society

FRANCIS CHARLES TOWNES
Cedar Springs, Mich.
Aeronautical Engineering Society, Chairman; Student Council, Pattern Shop Instructor

DAVE YEE
Newcastle, Pa.
Sigma Mu Sigma, Student Council, Treasurer; Chinese Club, Tri-Angle





Left to Right: **Robert W. Hale**, *Vice President;* **Clarence H. Ketcham**, *President;* **Joseph C. Ashmead, II**, *Secretary;* **Robert J. Clifford**, *Treasurer.*

Chemical Society

The purposes of the Chemical Engineering Society are: to secure the intellectual stimulation that arises from professional association; and instill professional pride in chemical engineering.

The Tri-State group is a Student Affiliate Chapter of the American Chemical Society.

The members enjoy the opportunity of hearing guest speakers who are experts in various phases of chemical engineering and leaders in their field.

FRONT ROW: Joseph Ashmead, Ann Michalko, Francis Williams, Paul Wiewandt, Professor Max Bezik, Dr. Stefan Slanina, Professor Gerald Moore, Ivan Nicodemus, David Crissman, Greta Bodie, Carl Palmer.

SECOND ROW: Arvid Honkanen, Charles Kuntzman, Richard Mould, Robert Rockwell, Norman Wonch, Alexander Ritchie, Eugene Straight, Robert Henderson, Richard Manges, Ralph Schott, John Glasgow.

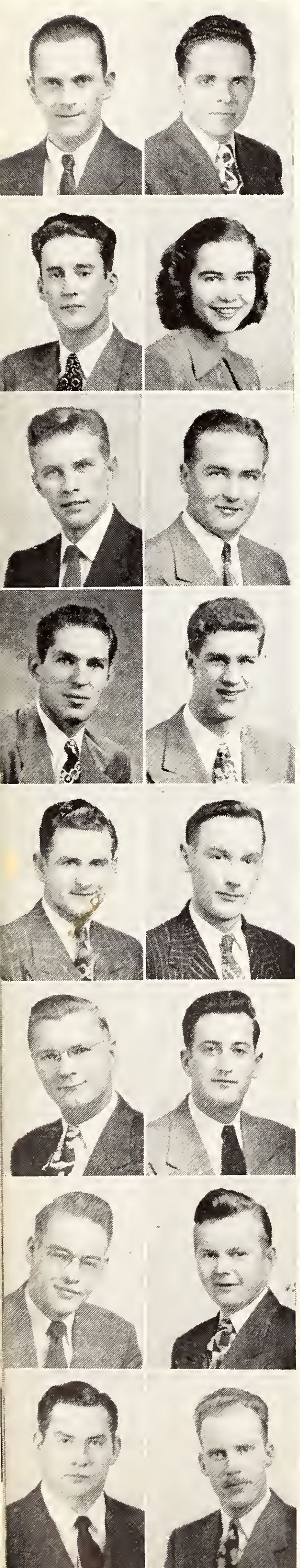
THIRD ROW: Richard Stork, Robert McDermott, Peter Byk, Gale Eddy, Donald Phelps, Robert Deverell, Bernard Rice, William Powers, Robert Clifford, Robert Trauterman, Arthur Blanco.

FOURTH ROW: Albert Olson, Bert Formanik, William Wilson, William Kercheval, Thomas Weber, John Mays, Lionel Moyes, Paul Paul, Richard Harner.

FIFTH ROW: Hubert Miller, John McCollum, Carl Wiewandt, Orin Crider, Robert Hale, Noel Bain, Jack Pickel, Weikko Haapanen, Carlos Velasquez.

CHEMICAL

Bachelor of Science



JOSEPH C. ASHMEAD
Williamston, Mass.
Chemical Engineering Society, A. C. S.

NOEL McGREGOR BAIN
Port-of-Spain, Trinidad, Br. W. I.
A. C. S., Tau Sigma Eta

ROBERT SHIERSON BENNER
Adrian, Mich.
A. C. S.

GRETA JEAN BODIE
Angola, Ind.
Chemical Engineering Society, Secretary; A. C. S., Secretary, Tau Sigma Eta

ROBERT EDWIN BROOKSBANK
Jamaica, L. I., N. Y.
Tau Kappa Epsilon, Chemical Engineering Society, A. C. S., Basketball, Student Council

ROBERT JOSEPH CLIFFORD
Moosic, Pa.
A. C. S., President

ORIN CRIDER
Decatur, Ind.
Chemical Engineering Society

DAVID CRISSMAN
Franklin, Pa.
Sigma Mu Sigma, Treasurer; Student Council, Chemical Engineering Society, Skull & Bones, C. O. A., Inter-Fraternity Council, Treasurer

BERT J. FORMANIK
Oil City, Pa.
Chemical Engineering Society

DONALD M. GREENMAN
LaGrange, Ind.
Chemical Engineering Society

WEIKKO W. HAAPANEN
Angola, Ind.
A. C. S., Chemical Engineering Society

ROBERT W. HALE
New Market, N. H.
A. C. S., Baseball

ROBERT E. HENDERSON
Franklin, Pa.
Chemical Engineering Society, Vice President; Booster Club, Secretary; Modulus, Managing Editor; Tri-Angle, Sigma Mu Sigma, Inter-Fraternity Council, A. C. S.

ARVID HONKANEN
Embarrass, Minn.
A. C. S.

WILLIAM D. KERCHEVAL
Princeton, Ky.
Chemical Engineering Society

CLARENCE H. KETCHUM
Roslyn Heights, N. Y.
Alpha Sigma Phi, Chemical Engineering Society, President

In Chemical Engineering

JOHN A. MAYS
Poca, W. Va.
A. C. S.

HUBERT MILLER
Goshen, Ind.
Chemical Engineering Society, Basketball

IVAN NICODEMUS
Elkhart, Ind.
Skull & Bones C. O. A., Tau Sigma Eta, Chemical Engineering Society, Student Council, Booster Club, A. C. S.

LIONEL A. MOYES
Jackson, Mich.
Photographic Society. Chemical Engineering Society, Sigma Mu Sigma

ALBERT R. OLSON
Bellwood, Ill.
Beta Phi Theta, Chemical Engineering Society

PAUL E. PAUL
Flint, Mich.
Tau Sigma Eta, A. C. S.

JAMES MASSEY SHANEEN
Chaput Hughes, Ontario, Canada
Sigma Mu Sigma, Who's Who, Chemical Engineering Society, A. C. S.

ROBERT HARLAND ROCKWELL
Kokomo, Ind.
Tau Kappa Epsilon, A. C. S.

OLIVER J. SMITH
Clinton, Iowa
Chemical Engineering Society, Vice President; Inter-Fraternity Council, Tau Kappa Epsilon

EUGENE D. STRAIGHT
Catlettsburg, Ky.
A. C. S., Student Council, Booster Club

RICHARD CARL STALF
Fort Wayne, Ind.
Sigma Mu Sigma, A. C. S., Student Council

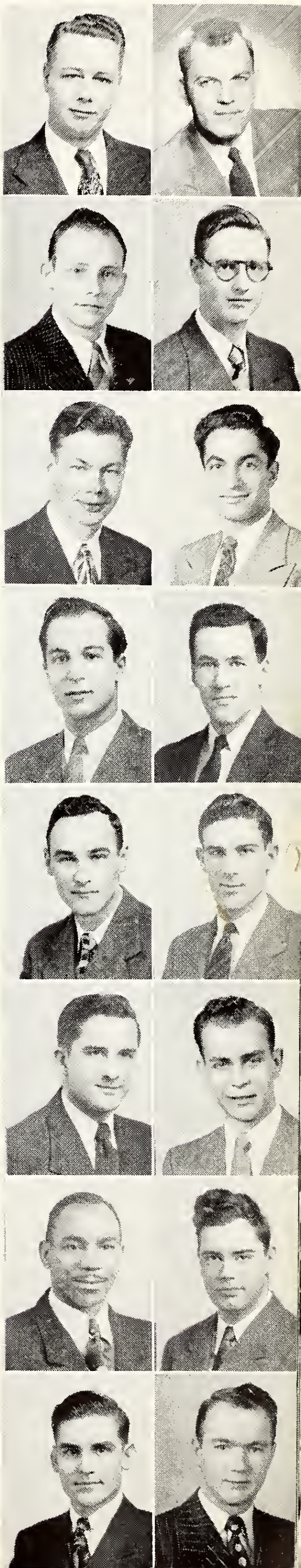
RICHARD L. STORK
Flint, Mich.
A. C. S., Sigma Phi Delta, Student Council

WILLIAM HAYWARD TAYLOR
Philadelphia, Pa.
Photographic Society, Chemical Engineering Society

THOMAS GEORGE WEBER
Brooklyn, N. Y.
Chemical Engineering Society

FRANCIS P. WILLIAMS, JR.
Ontario, Cal.
Band, Dance Orchestra, A. C. S.

NORMAN DON WONCH
Jackson, Mich.
A. C. S., Photographic Society

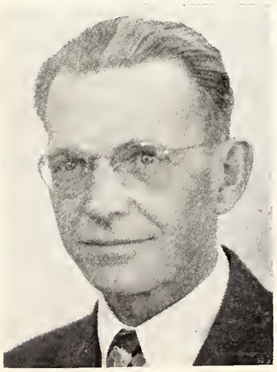


Civil Engineering Society

The Society became affiliated this year with the American Roadbuilders Association in the form of a Student Chapter on the Campus of Tri-State College. This affiliation affords the Civil Society member the opportunity of keeping up to date on the outside civil field by receiving pertinent monthly bulletins, magazines, and other literature.

The Civil Engineering Socitey was very fortunate this year in obtaining many outstanding speakers and motion pictures related to Civil Engineering work.

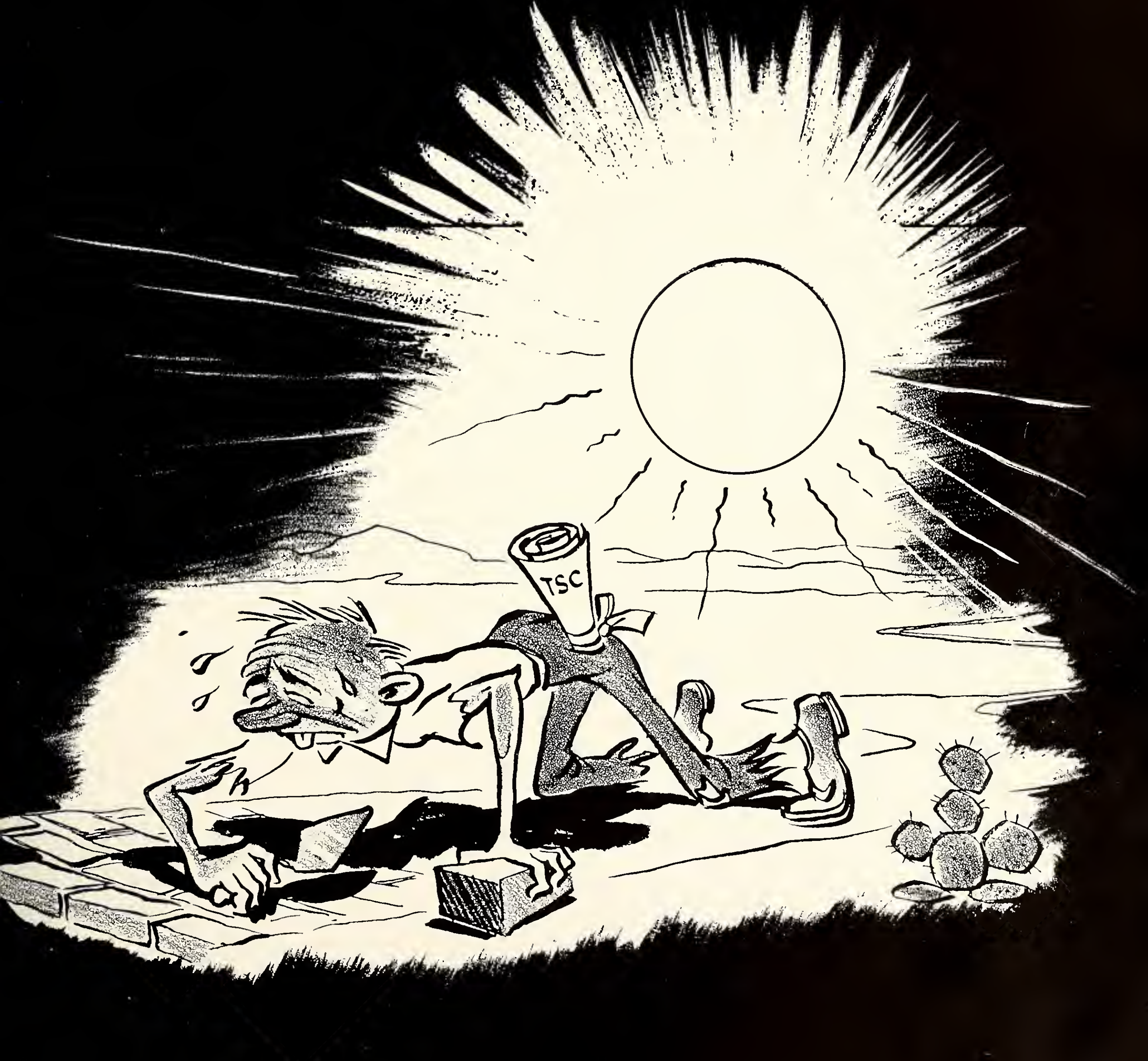
CECIL HAUBER
Head of Department

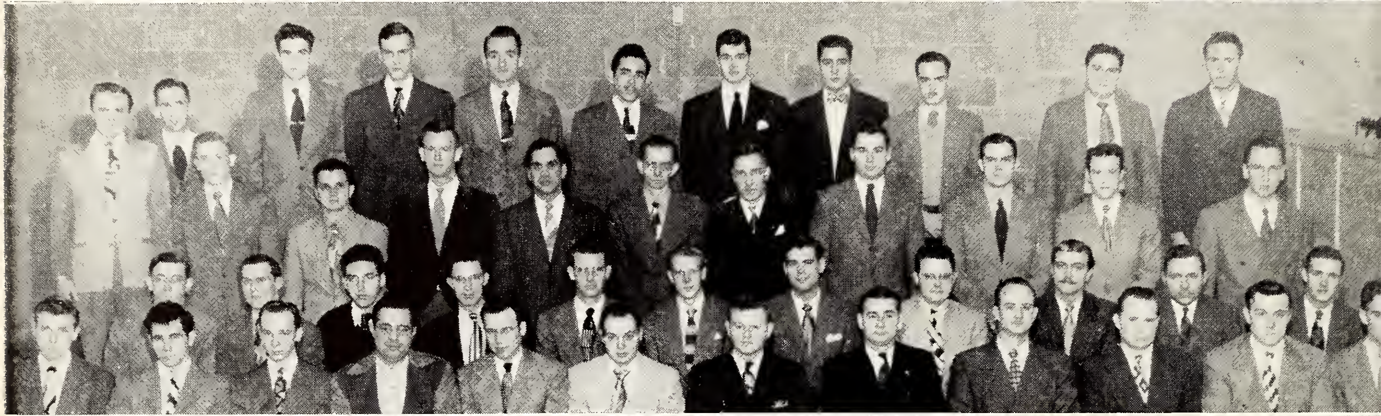


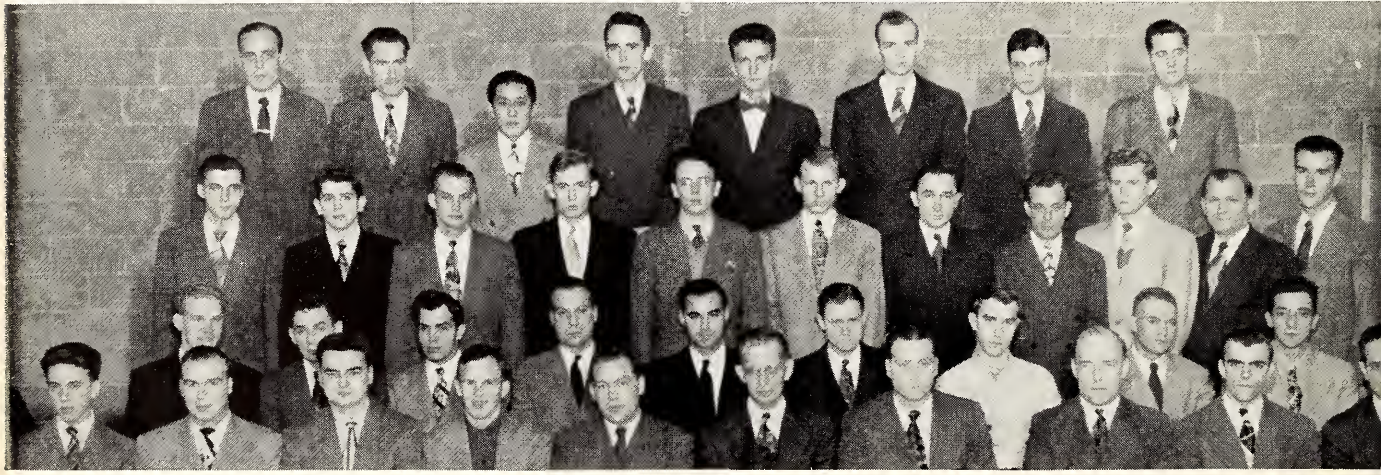
OFFICERS

Left to Right: Richard T. Fox, *President;* Richard D. Milewski, *Vice President;* Norton H. Sutton, *Secretary;* Michael Slavich, *Treasurer.*

CIVIL







Civil Engineering Society

TOP GROUP

FIRST ROW: Michael Slavich, Gerard Anton, Norton Sutton, Charles Shade, Joe Haines, Howard Sullivan, Glenn Harris, Russell Raynor, Theodore Jordan, Eugene Cronin.

SECOND ROW: Donald F. Becker, Arthur Nelson, Leon Glidewell, Joseph Keiser, Samuel J. Moore, Jean F. Gwaltney, Robert D. Reitze, Richard L. Paget, John Mossman.

THIRD ROW: Charles B. Wilcox, Bryant C. Brantley, John L. Smid, Thomas E. Selman, Richard D. Milewski, Carroll Douglas Dofflemyer, Paul Engelberth, Harry Speake, Donald F. Gallagher, Carl Wallace, Ashley Rouse.

SECOND GROUP

FIRST ROW: William O. Harris, Mike Mavrofrides, Bruce L. Husselman, Charles P. Gould, Jr., Ernest W. Walters, Jr., Richard K. Peterson, John W. Larson, Raymond G. Wise, Burton C. Corwin, Fred A. Bohn, Satterlee E. Petty, Harold Campbell.

SECOND ROW: Richard T. Fox, Charles W. Freeberg, Lawrence J. Francis, Herman C. Erbacher, Hubert M. Korbus, Ray W. Larkins, Brenton L. Kirk, Victor E. Coleman, Mehmet F. Yenice, George J. Kilanski, Stanley F. Mather.

THIRD ROW: Herbert L. Hay, Joe E. Waddill, Dave Genovese, Joe Wingo, Norman A. Julian, Walter B. Connell, Paul Kostyshak, Wilden L. Snyder, Forest F. Franze, Paul B. Vernon, Edward P. Markey.

FOURTH ROW: John D. Large, Ronald Ehlinger, Ralph Haslett, Theodore E. Gooch, Thomas Hernandez. Fredricko, Vegas, Rafael de los Rios, Ignacio M. de Landa, EdwardBuckley, Lloyd Thompson.

BOTTOM GROUP

FIRST ROW: John B. Vassallo, Melvin R. Havill, Stanley Rutka, John Wilcox, John Hine, Professor Cecil Hauber, Professor Leonard Burchfield, William F. Dryden, Lyle G. Lipp, Jr., Salvatore N. Glasso.

SECOND ROW: Robert Van Kampen, Charles W. York, Max H. Bard, Jack Crumal, Nick Franzese, Manley Knutson, Garth Baden, Charles Kaiser, Eugene Hoffman.

THIRD ROW: Samuel T. Gunnett, John V. Valentine, Charles B. Brower, Robert Kessler, Edmund M. Biederman, Earl S. Hargis, Edmund J. Groncki, Duncan Robertson, Robert E. Lynch, Stanley Abramowicz, Fred J. Leydecker.

FOURTH ROW: George Shaner, Kenneth C. Crago, Ralph M. Wataru, John J. Donnelly, Royce K. Waters, David R. McCutchan, Gus A. Peterson, William E. Miller.

Bachelor of Science In Civil Engineering

GERARD B. ANTON
Maplewood, N. J.
Alpha Sigma Phi, Civil Society

MAX HILEMAN BARD
Mount Union, Pa.
Tau Kappa Epsilon, Civil Engineering Society, Inter-Fraternity Council, American Road Builders Ass'n.

DONALD F. BECKER
Danville, Pa.
Civil Engineering Society

FREDERICK A. BOHN
Ambridge, Pa.
Civil Engineering Society, Tau Sigma Eta

CHARLES M. BROWER
Pierceton, Ind.
Civil Engineering Society

HAROLD FRANK CAMPBELL
Chappaqua, N. Y.
Tau Kappa Epsilon, Civil Engineering Society

WILLIAM T. CAMPBELL
Battle Creek, Mich.

VICTOR E. COLEMAN
South Bend, Ind.
Civil Engineering Society

WALTER BRITT CONNELL
Orlando, Fla.
Civil Engineering Society, Phi Sigma Chi, Alpha Gamma Upsilon

BURTON C. CORWIN
Bismarck, N. D.
Sigma Phi Delta, Civil Engineering Society, Vice President; American Road Builders Ass'n. Vice President: Student Council, President of Senior Class '49

JACK C. CRUMAL
Long Beach, Cal.
Civil Engineering Society

RAFAEL DE LOS RIOS
New York, N. Y.
Phi Iota Alpha, Vice President; Civil Engineering Society, Tri-Angle, Student Council, Inter-Fraternity Council

CARROLL DOUGLAS DOFFELMYER
Luray, Va.
Civil Engineering Society, Alpha Sigma Phi

WILLIAM F. DRYDEN
Adams, N. Y.
Civil Engineering Society, American Road Builders Ass'n.

RONALD EARL EHLINGER
Jonesville, Mich.
Basketball, Civil Engineering Society

PAUL R. ENGELBERTH
Warsaw, Indiana
Civil Engineering Society

HERMAN CHARLES ERBACHER
Cincinnati, Ohio
Phi Kappa, Treasurer: Civil Engineering Society, Treasurer; Inter-Fraternity Council, President

RICHARD T. FOX
Oil City, Pa.
Civil Engineering Society, President; American Road Builders Ass'n., President Student Council

NICHOLAS FRANZESE
Watkins Glen, N. Y.
Civil Engineering Society

DONALD FRANCIS GALLAGHER
So. Natick, Mass.
Civil Engineering Society

VICTOR AUGUSTUS GANSSER
Bay City, Mich.
Baseball, Civil Engineering Society

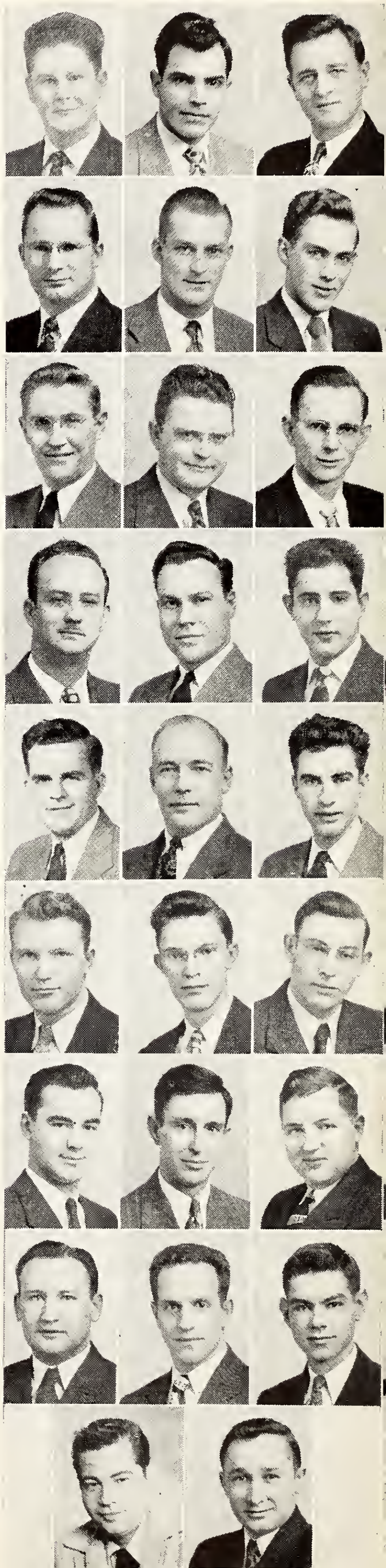
MAX C. GARL
Elkhart, Ind.
Civil Engineering Society, Sigma Mu Sigma

S. N. GLASSO
Rome, N. Y.
Phi Sigma Chi, Basketball

LEONZO VINTON GLIDEWELL
Indianapolis, Ind.
Civil Engineering Society, American Road Builders Ass'n.

CHARLES P. GOULD
New Orleans, La.

EDMUND JOSEPH GRONCKI
Rockford, Ill.
Civil Engineering Society, Secretary; American Road Builders Ass'n.



Bachelor of Science

JEAN F. GWALTNEY
Sedan, Kansas
Civil Engineering Society

GLENN SCHAFER HARRIS
Danville, Ill.
Civil Engineering Society

WALTER N. HARRIS
Elmwood Park, Ill.
Alpha Sigma Phi

RALPH W. HASLETT
Minneapolis, Minn.
Sigma Phi Delta, Vice President; Civil Engineering Society

MELVIN ROSS HAVILL
Sacramento, Cal.
Phi Sigma Chi, Alpha Gamma Upsilon, Civil Society, American Road Builders Ass'n.

JOHN P. HINE
Roanoke, Ind.
Civil Engineering Society, Tau Sigma Eta

RICHARD E. HUNT
Lawrence, Ind.
Radio Engineering, Tennis Society

THEODORE E. JORDAN
Williamsport, Pa.
Civil Engineering Society

NORMAN A. JULIAN
Columbus, Ohio
Phi Sigma Chi, Civil Engineering Society, Civic Theatre

GEORGE F. KAYS
Cambridge, Ohio
Civil Engineering Society, President

JOE E. KEISER
Hymera, Ind.
Civil Engineering Society

ROBERT CHARLES KESSLER
Richmond, Ind.
Civil Engineering Society

GEORGE JACK KILANSKI
Brooklyn, N. Y.

BRENTON L. KIRK
Neptune Beach, Fla.
Civil Engineering Society

HUBERT MICHAEL KORBUS
Chicago, Ill.
Phi Kappa, Civil Engineering Society

PAUL KOSTYSHAK
Youngstown, Ohio
Civil Engineering Society, Student Council, Golf Team

JOHN DINSMORE LARGE
Piqua, Ohio
Civil Engineering Society, A. S. T. E.

RAY WESLEY LARKINS
Pasadena, Cal.
Civil Engineering Society, Phi Sigma Chi

FRED J. LEYDECKER
Ebenezer, N. Y.
Civil Engineering Society, Phi Kappa, Treas.

LYLE GEORGE LIPP
Elsie, Mich.
Civil Engineering Society

ROBERT EDWARD LYNCH
Newport, R. I.
Phi Kappa, Civil Engineering Society

EDWARD POGUE MARKEY
Long Beach, Cal.
Civil Engineering Society

DAVID ROY McCUTCHAN
Russellville, Ind.
Civil Engineering Society, American Road Builders Ass'n.

RICHARD DONALD MILEWSKI
Holland, Mich.
Civil Engineering Society, Civil Laboratory Instructor

WILLIAM EUGENE MILLER
Gary, Ind.
Civil Engineering Society, American Road Builders Ass'n.

SAMUEL J. MOORE
Marion, Ind.
Civil Engineering Society

In Civil Engineering

JOHN J. MOSSMAN
Wabash, Ind.
Civil Engineering Society

GUS A. PETERSON
Olean, N. Y.
Civil Engineering Society, Student Council, Alpha Gamma Upsilon

ASHLEY T. ROUSE
Scio, N. Y.
Alpha Sigma Phi, Civil Engineering Society

STANLEY RUTKA
Rome, N. Y.
Phi Sigma Chi, Inter-Fraternity Council, Basketball, School Ping Pong Champ

THOMAS EDWARD SELMAN
Valparaiso, Ind.
Civil Engineering Society, '48 Modulus

CHARLES RUSSELL SHADE
Worthington, Minn.
Civil Engineering Society

GEORGE G. SHANER
Pottstown, Pa.
Civil Engineering Society, Sigma Phi Delta

MICHAEL SLAVICH
Berwick, Pa.
Civil Engineering Society, President; American Road Builders Ass'n.

HARRY MILLER SPEAKE
College Park, Md.
Alpha Sigma Phi, Civil Engineering Society, Student Council, American Road Builders Ass'n.

HOWARD M. SULLIVAN
LaPorte, Ind.
Civil Engineering Society, American Road Builders Ass'n., Student Council, Tri-Stan Council, Tennis, Bowling, Skull & Bones C. O. A., Secretary; Senior Class Treasurer

NORTON HAROLD SUTTON
No. Attleboro, Mass.
Student Council, Vice President; '49 Modulus, Managing Editor; Civil Engineering Society, Secretary; American Road Builders Ass'n., Secretary; Tau Kappa Epsilon, Skull & Bones C. O. A., Tri-Angle, S. A. E., Booster Club

LLOYD O. THOMPSON
Strathcona, Minn.
Sigma Phi Delta, S. A. E., Student Council

ANGEL TORRES
Utrado, Puerto Rico

JOHN BAPTIST VASSALLO
Williamsport, Pa.
Phi Sigma Chi, Alpha Gamma Upsilon, Civil Engineering Society

FEDERICO LEOPOLDO VEGAS
Caracas, Venezuela
Phi Iota Alpha, President; Student Council, Civil Engineering Society

PAUL BOMAR VERNON
Black Mountain, N. C.
Beta Phi Theta, Civil Engineering Society, American Road Builders Ass'n.

JOE EDMUND WADDILL
Neptune Beach, Fla.

CARL V. WALLACE
Indianapolis, Ind.
Civil Engineering Society, American Road Builders Ass'n.

ERNEST WAYNE WALTERS
Altavista, Va.

ROYCE K. WATERS
Ava, Mo.
Civil Engineering Society

RICHARD P. WEISBECK
Buffalo, N. Y.
Phi Kappa, Civil Engineering Society, American Road Builders Ass'n.

CHARLES B. WILCOX
Jackson, Mich.
Civil Engineering Society, Alpha Sigma Phi, House Manager

JOHN W. WILCOX
Jackson, Mich.

JOE H. WINGO
Eastaboga, Ala.

CHARLES WRIGHT YORK
Washington, D. C.
Tau Kappa Epsilon, Secretary; Civil Engineering Society, Tri-Angle

STEPHAN J. ZAJKO
New Britain, Conn.
Civil Engineering Society

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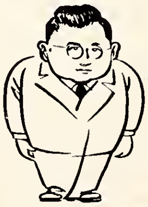
OFFICERS

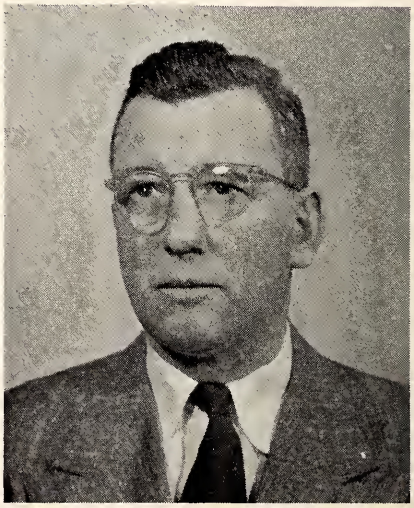
Arthur E. Schott, *President*
Pat R. Monroe, *Treasurer*
James E. Hughes, *Secretary*
Richard E. Waugh, *Vice President*

Electrical Engineering Society

The primary objective of the Electrical Society is to acquaint members with actual practice in their chosen field. To attain this, the officers of the Society have decided on a three-fold plan: speakers, moving pictures, and demonstrations. The speakers are chosen from the leaders in the electrical industry.

Moving pictures are shown to illustrate various phases of electrical work. Demonstrations are given by speakers and the school's instructors. The Society also sponsors field trips which enables members to observe opportunities in their prospective field.





CLYDE SHAW
Head of Department

ELECTRICAL

Electrical Engineering Society

FRONT ROW: Frank H. Schroeder, Thomas V. Sovesky, Richard A. Clevinger, Robert W. Kirby, James E. Hughes, Phillip L. Liu, Ray W. Wagner, Edward B. Decker.

SECOND ROW: Robert K. Gray, Dale G. Smith, Ladislao J. Sosa, Joe Strykul, George Placier, George W. Jones, Clifford F. Wiedman.

BACK ROW: Paul Brinkman, Clifford A. Sousa, John Yerashunas, Raymond Statzer, Lester Overbaugh, Matt Lobas.

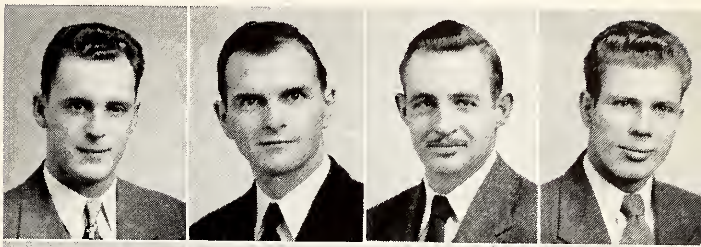
FRONT ROW: Nelson Bateman, Jr., Joseph L. Chamness, Arthur E. Schott, Edward Bostwick, Robert J. Kelemen, James F. Smith, Robert O. Meador, Michael J. Schwartz.

SECOND ROW: John C. Williams, Roswell F. Smith, Holland E. Shaw, Jr., Charles E. Brown, William R. Brooke, Ronald J. Webster, Richard L. Corey, Hector F. Montalvo.

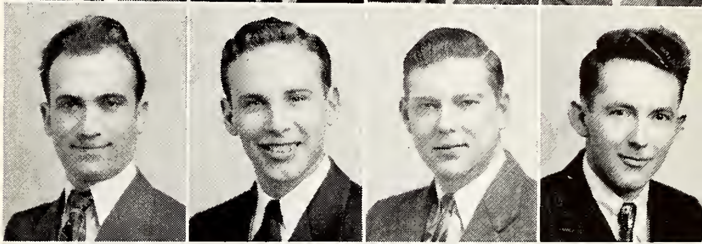
BACK ROW: Louis E. Brostmeyer, Ward V. Jensen, Pat R. Monroe, L. Eugene Earling.

Bachelor of Science In Electrical Engineering

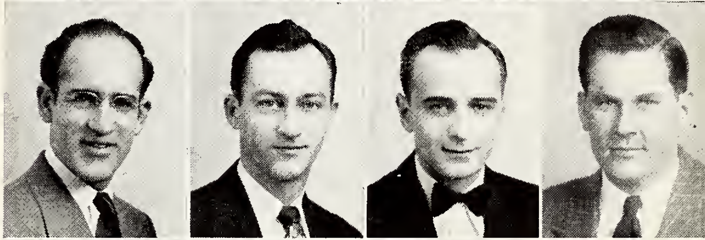
JAMES HOMER ALLEN, Cleveland, Ohio
Electrical Engineering Society, Basketball
CHRISTOPHER ANDREY, New York, N. Y.
Electrical Engineering Society
GEORGE BAKER, Amarillo, Tex.
Electrical Engineering Society
NELSON TURNER BATEMAN, JR., Winchendon, Mass.
Electrical Engineering Society, Radio Engineering Society, Beta Phi Theta, Student Council



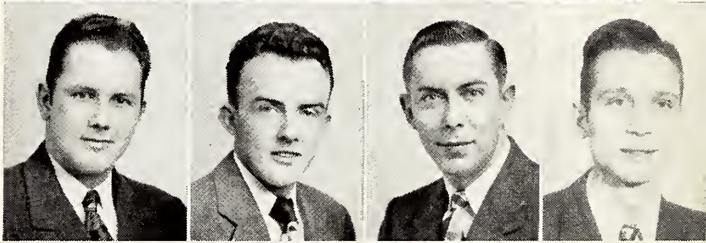
ANTHONY R. BONARRIGO, Indiana, Pa.
Electrical Engineering Society
PAUL ALAN BRINKMAN, Oak Park, Ill.
Electrical Engineering Society, Theta Mu Pi
WILLIAM R. BROOKE, Cumberland, Md.
Electrical Engineering Society
LOUIS E. BROSTMEYER, Nokomis, Ill.
Electrical Engineering Society



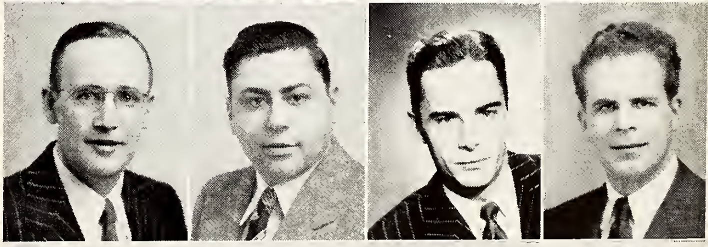
JOSEPH L. CHAMNESS, Alma, Mich.
Electrical Engineering Society, Student Council, Tri-Angle
NICHOLAS CHUMA, Slickville, Pa.
Radio Engineering Society, Electrical Engineering Society
ROBERT FRANCIS CLEMENS, Bronx, N. Y.
Electrical Engineering Society, S. A. E.
RICHARD L. COREY, Coldwater, Mich.
Electrical Engineering Society



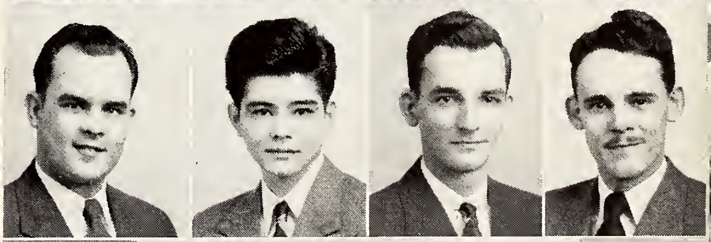
JAMES FARREN DANIEL, Chicago, Ill.
Tau Kappa Epsilon, Student Council
EDWARD B. DECKER, North Bergen, N. J.
Sigma Phi Delta, Electrical Engineering Society, S. A. E.
RALPH LINCOLN DILLIN, Washington, Ind.
Electrical Engineering Society, Beta Phi Theta
L. EUGENE EARLING, Dunkirk, Ind.
Sigma Mu Sigma, Band, Electrical Engineering Society, Radio Engineering Society



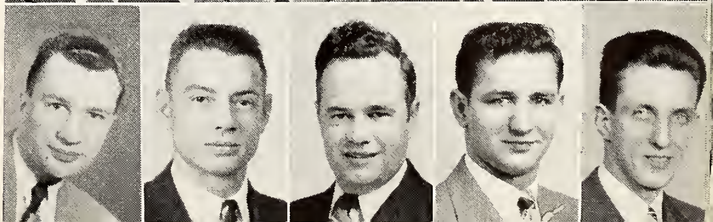
EDWIN WALTER FOCKLER, New Philadelphia, Ohio
GEORGE GLAZER, Stamford, Conn.
Electrical Engineering Society
ROBERT K. GRAY, Dayton, Ohio
Electrical Engineering Society
EDWARD R. GREER, Cincinnati, Ohio
Phi Kappa Alpha, Electrical Engineering Society



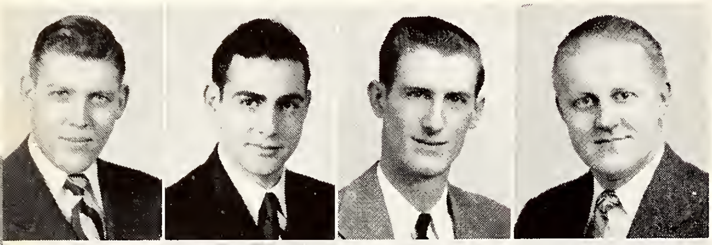
COKE LEE HAWKINS, Hartsville, S. C.
Electrical Engineering Society
YEIJI HIGA, Honolulu, T. H.
Electrical Engineering Society
JAMES EDWIN HUGHES, Springfield, Ohio
Electrical Engineering Society, Secretary
GEORGE WASHINGTON JONES, Hammond, Ind.
Electrical Engineering Society



ROBERT JOHN KELEMEN, Park Ridge, N. J.
Sigma Mu Sigma, Secretary; Tau Sigma Eta, Vice President; Skull & Bones C. O. A., Student Council, Inter-Fraternity, Secretary; Tri-Angle, Associate Editor; Electrical Engineering Society, Vice President; Radio Engineering Society, '48 Modulus
ROBERT W. KIRBY, Cilkey, N. C.
Electrical Engineering Society
CHARLES H. LITAKER, Leaksville, N. C.
Electrical Engineering Society
MATHEW LOBAS, Cleveland, Ohio
Sigma Phi Delta, Electrical Engineering Society
DAVID MORGAN MARTIN, Piqua, Ohio
Alpha Sigma Phi, Student Council, Inter-Fraternity Council, Chess Club, Electrical Engineering Society



Bachelor of Science in Electrical Engineering

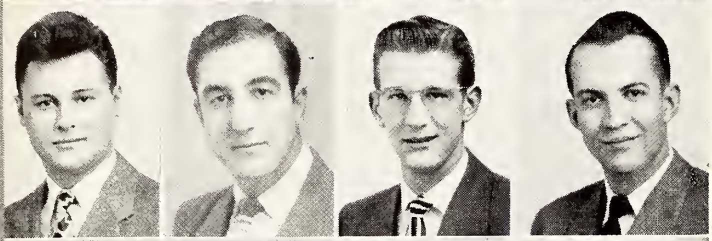


ROBERT OLAF MEADOR, Beckley, W. Va.
Beta Phi Theta, Electrical Engineering Society, Dramatic Club, Tri-Angle

ROBERT J. MELHADO, Brooklyn, N. Y.
Electrical Engineering Society, Theta Mu Pi

DWIGHT ROLAN MOFFATT, Oklahoma City, Okla.
Electrical Engineering Society

PAT REX MONROE, Huntington, Ind.
Electrical Engineering Society, President; Sigma Mu Sigma, Skull & Bones C. O. A., Student Council, Tri-Angle

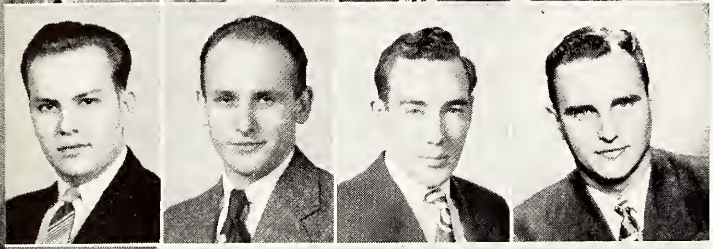


LESTER L. OVERBAUGH, Pittsfield, Mass.
Electrical Engineering Society, Student Council

PETER PAPANDRIA, South Bend, Ind.
Electrical Engineering Society

WILLIAM FLOYD PASCOE, New Castle, Pa.
Electrical Engineering Society, Sigma Mu Sigma, Student Council, Tri-Angle, Tau Sigma Eta

GEORGE FREDERICK PLACIER, Chillicothe, Ohio
Electrical Engineering Society, Phi Sigma Chi, Alpha Gamma Upsilon

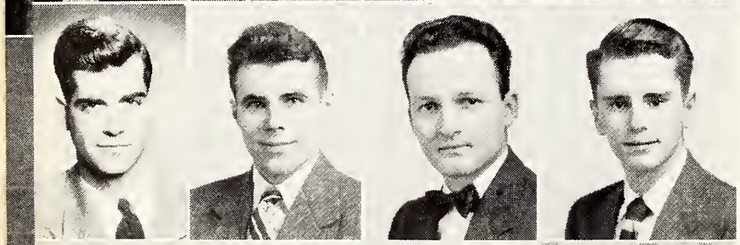


ARTHUR EDWARD SCHOTT, Rock Island, Ill.
Electrical Engineering Society, Radio Society, Tau Sigma Eta

FRANK H. SCHROEDER, Richmond, Ind.
Electrical Engineering Society

HOLLAND E. SHAW, JR., Moodus, Conn.
Electrical Engineering Society, Sigma Mu Sigma

JAMES C. SHEARER, Lynchburg, Va.
Electrical Engineering Society

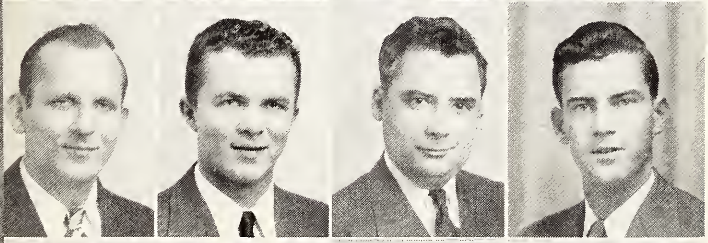


JAMES F. SMITH, Oklahoma City, Okla.
Electrical Engineering Society

ROSWELL F. SMITH, Branford, Conn.
Electrical Engineering Society

THOMAS VINCENT SOVESKY, New Castle, Pa.
Electrical Engineering Society

RAYMOND KENNETH STATZER, Dearborn, Mich.
Electrical Engineering Society

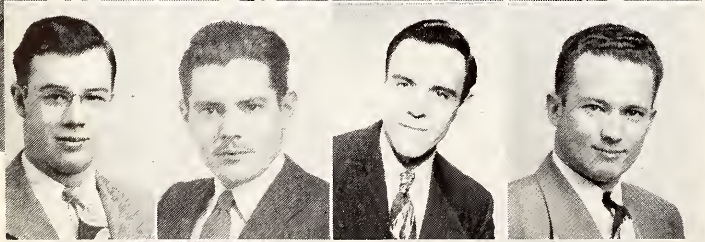


JOE STRYKUL, South Bend, Ind.
Electrical Engineering Society

LOUIS V. SUMMERS, JR., Cabin Creek, W. Va.
Sigma Phi Delta, Electrical Engineering Society, Inter-Fraternity Council, S. A. E.

RAY WILLIAM WAGNER, Duluth, Minn.
Electrical Engineering Society, Radio Engineering Society, Sigma Phi Delta

RICHARD E. WAUGH, Lapel, Ind.
Electrical Engineering Society, Band

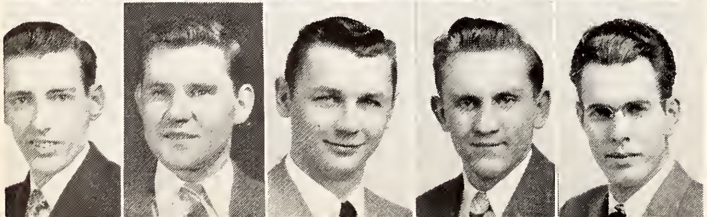


RONALD JOSEPH WEBSTER, Cleveland, Ohio
Electrical Engineering Society

JOHN M. WEICK, New York, N. Y.

CLIFFORD F. WIEDMAN, Ottumwa, Iowa
Electrical Engineering Society

JOHN C. WILLIAMS, Kershaw, S. C.
Electrical Engineering Society, Sigma Mu Sigma



JAMES KENNETH WILSON, Kramer, N. D.
Electrical Engineering Society

CHARLES E. WITT, Oxford, Ohio
Phi Sigma Chi, Tau Sigma Eta, Student Council Treasurer; Tri-Angle, Booster Club, Athletic Committee, Skull & Bones C. O. A., Who's Who, Electrical Engineering Society

WALTER HENRY WINSKY, Greenfield, Mass.
Electrical Engineering Society, Phi Kappa

JOHN J. YERASHUNAS, Cleveland, Ohio
Electrical Engineering Society

WILLIAM E. YOUNG, Gas City, Ind.
Electrical Engineering Society, Sigma Phi Delta

Autographs

Autographs

MECHANICAL

Mechanical Engineering Society

TOP GROUP

FRONT ROW: Everett A. Harris, John C. Pataky, Robert Fesser, Charles Klein, Samuel Alousia, Donald Francis Carter, Melvin Kratzman, Jerome Levendusky, Gerald Troske, Clarence Keller, Herbert Choy.

SECOND ROW: George Billman, Dean L. Mayer, Sherman G. Ashren, Charles J. Ford, Theodore K. Ferrand, Anthony A. Pec, Thomas E. Llewllyn, William E. Outcalt, Gene Hawkins, Clyde Wing, Harry Wright.

THIRD ROW: Kenneth P. Black, Howard G. Heinig, Marion L. Shepard, Ralph W. Pashby, Charles E. Jewell, James D. Jewell, Ramon F. Peterson, W. Lee Dewent, Arthur K. Williams.

SECOND GROUP

FRONT ROW: Robert J. Lamb, Otho B. Gill, Camiel DeKegelaer, Edward J. Kolasinski, Edwin A. Anderson, Wayne H. Vande Steege, Rudolph A. Walters, William J. Unger, Carl E. Swartz, Clarence W. Johnson, Charles A. Bonner.

SECOND ROW: Clifford F. Harbeck, Kenneth W. Parsons, Robert F. Neidernhofer, Anthony S. Gucciardi, William L. Kutter, Clayton W. Shoff, Willard J. Tamminga, Donald E. Tews, Leonard R. Henry, John H. Luken.

THIRD ROW: Robert A. Fergus, Victor E. Sauerheber, Frederick E. Hicks, Robert F. Sawyer, John A. Saccreccia, Russell A. Nicoles, Harold E. Smith, Gilbert N. Hilt, John H. O'Hare.

BOTTOM GROUP

FRONT ROW: Francis L. Messier, John J. Weger, Julius B. Smith, Ernest A. Simmonsen, Darwin A. Mixer, Robert W. Rood, Guy E. Kennedy, William J. B. Ingham, Jr.

SECOND ROW: Walter N. Lenoff, Professor Minard F. Rose, Louis R. Sisson, William B. Smith, Arthur C. Park, Victor G. Hawk, Donald G. Whysong.

Mechanical Engineering Society

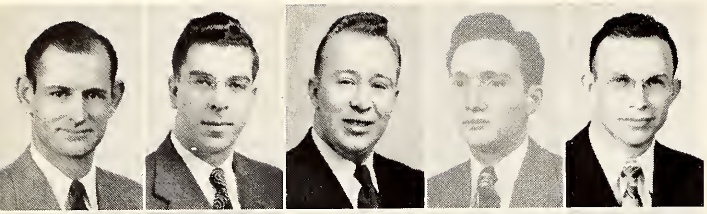
JOHN HUMPHRIES
Head of Department

The objectives of the Society are to promote good fellowship, furnish an opportunity for students to develop leadership, and to disseminate technical information of interest to student engineers. These objectives are accomplished through meetings conducted wholly by and for the students which are held on the campus three Wednesdays a month. Much valuable information is obtained from listening to speakers engaged by the Society at frequent intervals. These men are experts in their field and furnish the student an insight as to what lies beyond graduation. In addition, at nearly every meeting a short movie depicting some phase of engineering is shown.

OFFICERS

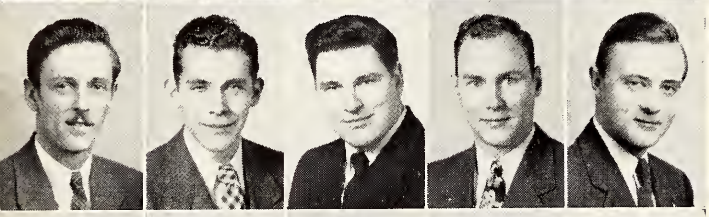
Edwin A. Anderson, *Secretary*
Donald George Wysong, *Treasurer*
John Joseph Weger, *President*
Otho Bernard Gill, *Vice President*

Bachelor of Science

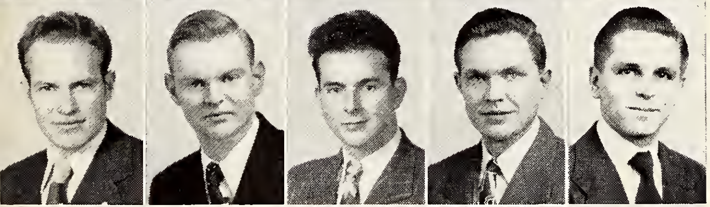


GEORGE A. ABBOTT, Oakdale, Calif.
Mechanical Engineering Society, Radio Engineering Society, S. A. E.
SAMUEL E. ALOUISA, Avis, Pa.
Mechanical Engineering Society, S. A. E.
EDWIN A. ANDERSON, Cleveland, Ohio
Mechanical Engineering Society, Secretary; A. S. T. E., S. A. E.
WILLIAM ARTHUR ARMSTRONG, Battle Creek, Mich.
H. MARION APPLE, Indianapolis, Ind.
Mechanical Engineering Society, Rocket Society

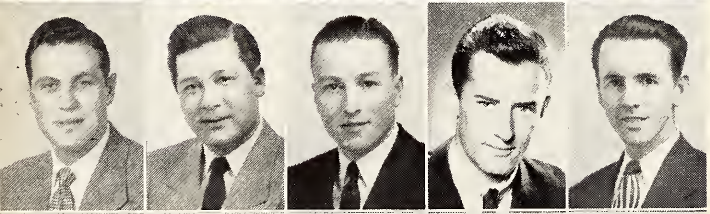
ROBERT LUIS AROCHO, Utuado, Puerto Rico
SHERMAN G. ASKREN, Indianapolis, Ind.
THADDEUS JOSEPH BARANOWSKI, South Bend, Ind.
Mechanical Engineering Society, Rocket Society, Phi Kappa
EARL D. BENZAL, Middle Grove, N. Y.
Mechanical Engineering Society, Student Council, S. A. E.
ROBERT JAY BEUTLER, Mishawaka, Ind.
Mechanical Engineering Society, Phi Sigma Chi



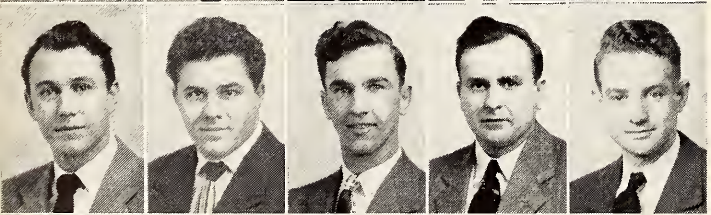
LEE DAVIS BROWN, East Sparta, Ohio
Alpha Sigma Phi, Basketball Team, Baseball Team, Student Council, Inter-Fraternity Council
GEORGE EVERETT BILLMAN, Jersey Shore, Pa.
Mechanical Engineering Society, Alpha Gamma Upsilon, A. S. T. E., S. A. E.
KENNETH PHILLIP BLACK, Kohler, Wis.
Mechanical Engineering Society, A. S. T. E., S. A. E.
CHARLES A. BONNER, Kittanning, Pa.
Mechanical Engineering Society, Sigma Phi Delta
CHARLES EDWARD BYHAM, Saegertown, Pa.
Mechanical Engineering Society, Sigma Phi Delta, A. S. T. E.



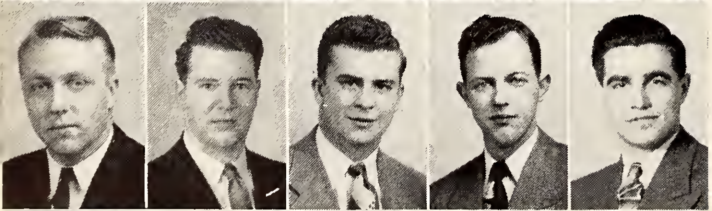
DONALD FRANK CARTER, Miles City, Mont.
Mechanical Engineering Society, Photographic Society
JOHN E. CARVER, Angola, Ind.
JOSEPH D. CASILIO, Rochester, N. Y.
Alpha Sigma Phi
DONALD L. CASTERLINE, Lansing, Mich.
A. S. T. E., Golf Team
KENNETH WILLIAM CHAMBERLIN, Mishawaka, Ind.
Mechanical Engineering Society



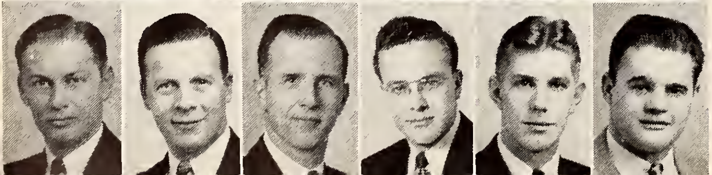
JOSEPH A. CHIMENTI, Woodmere, L. I., N. Y.
Alpha Sigma Phi, Baseball Team, Basketball Team, Tri-Angle, '48 Modulus, Student Council, Senior Class Vice-President
HERBERT K. T. CHOY, Honolulu, Hawaii
Alpha Sigma Phi, Chinese Club, President; Student Council, S. A. E., Treasurer; Mechanical Engineering Society
DONALD FREDERICK CHRISTENSEN, Greenville, Mich.
THOMAS W. CROKER, Lawrence, N. Y.
HERBERT FRANCIS CRONIN, Keyport, N. J.
A. S. T. E., Tau Kappa Epsilon, Mechanical Engineering Society



CAMIEL DeKEGELAER, Mishawaka, Ind.
Phi Kappa, Dramatics Club, Mechanical Engineering Society
CARMINE DeSPIRITO, Newark, N. J.
Phi Kappa, Mechanical Engineering Society
W. LEE DEWENT, Zeeland, Mich.
RUSSELL BENJAMIN DEWITT, Lake Jackson, Mich.
Sigma Phi Delta, A. S. T. E., Mechanical Engineering Society
THOMAS J. DOMSIC, Coldwater, Mich.
S. A. E., Mechanical Engineering Society



EUGENE ROBERT DONOVAN, Peru, Ill.
THOMAS JAY EDWARDS, JR., Scranton, Pa.
FREDERICK JAMES EVERETT, Goshen, Ind.
Phi Kappa, Mechanical Engineering Society
HARRY MERLYN EXLEY, Oil City, Pa.
CHARLES H. FERNALD, Wynnewood, Pa.
Mechanical Engineering Society



THEODORE K. FERRAND, Gardenville, N. Y.
Tau Sigma Eta, Mechanical Engineering Society
ROBERT A. FESSER, Jackson, Mich.
A. S. T. E., S. A. E., Mechanical Engineering Society
CHARLES J. FORD, North Charleston, W. Va.
S. A. E., Sigma Phi Delta, Mechanical Engineering Society
JAMES EDWARD GAFFNEY, Collins, N. Y.
WILLIAM ALLEN GETTIG, Camp Hill, Pa.
Sigma Mu Sigma, Student Council
OTHO BERNARD GILL, Lebanon, Pa.
Mechanical Engineering Society, President; A. S. T. E., First Vice-Chairman; S. A. E., Skull & Bones C. O. A., Treasurer

In Mechanical Engineering

WILLIAM C. GINGRICH, Logansport, Ind.
A. S. T. E., S. A. E., Alpha Sigma Phi, Mechanical Engineering Society
MILLARD GLADD, Utica, N. Y.
Sigma Phi Delta
WALTER GRABER, Benton Harbor, Mich.
Sigma Phi Delta, A. S. T. E., S. A. E., Mechanical Engineering Society
ROBERT L. GREIM, Fort Wayne, Ind.
Student Council, Sigma Mu Sigma, Basketball Team, Baseball Team, Mechanical Engineering Society
JOHN H. GUNNING, JR., Baltimore, Md.
Sigma Phi Delta, A. S. T. E., S. A. E., Mechanical Engineering Society

ARTHUR B. HAAS, Mendon, Mich.
NORMAN HUGH HAAS, Mendon, Mich.
CLIFFORD FREDERICK HARBECK, Central Falls, R. I.
Student Council, A. S. T. E., Skull & Bones C. O. A., Mechanical Engineering Society, President; S. A. E.
EVERETT ALAN HARRIS, Fitchburg, Mass.
Tau Sigma Eta, Student Council, A. S. T. E., S. A. E., Skull & Bones C. O. A., Mechanical Engineering Society
GEORGE WESLEY HARTLEY, Blue Rock, Ohio
Sigma Phi Delta, Mechanical Engineering Society

WILLARD G. HARTMAN, Saline, Mich.
A. S. T. E., S. A. E., Student Council, Tau Kappa Epsilon, Mechanical Engineering Society
RICHARD S. HAUFFE, Lincoln, Ill.
A. S. T. E., S. A. E., Mechanical Engineering Society
GENE J. HAWKINS, Dayton, Ohio
A. S. T. E., Mechanical Engineering Society
LOCKERY, W. HEFLIN, Centertown, Ky.
Mechanical Engineering Society
HOWARD GERALD HEINIG, Flint, Mich.
S. A. E., Mechanical Engineering Society

MARTIN ERNEST HELMKE, Napoleon, Ohio
S. A. E., Mechanical Engineering Society
HAROLD RICHARD HENDERSON, Winchester, Ind.
Phi Sigma Chi, Mechanical Engineering Society
LEONARD ROBERT HENRY, Fort Wayne, Ind.
GERALD N. HERRICK, Harbor Springs, Mich.
Mechanical Engineering Society
ROBERT B. HILLEN, Cincinnati, Ohio
Tau Sigma Eta, S. A. E., Mechanical Engineering Society

GILBERT N. HILT, Greenfield, Ind.
A. S. T. E., Mechanical Engineering Society
GEORGE EDWARD HITCHCOCK, Scio, Ohio
Phi Sigma Chi
VICTOR G. HOWK, Sturgis, Mich.
S. A. E., Sigma Phi Delta, Mechanical Engineering Society
MATT NICHOLAS HUMMEL, Chicago, Ill.
Alpha Sigma Phi, S. A. E., Mechanical Engineering Society
WILLIAM J. B. INGHAM, JR., Pembroke West, Bermuda
A. S. T. E., Chairman; Student Council, Mechanical Engineering Society, Treasurer; Tri-Angle, Assoc. Editor; Skull & Bones C. O. A., Vice-President

CHARLES EDWARD JEWELL, Omaha, Neb.
ERLING H. JONASSEN, Duluth, Minn.
Mechanical Engineering Society
CLARENCE W. JOHNSON, Decatur, Ill.
Sigma Phi Delta, Mechanical Engineering Society
IVAN CLIFFORD JOHNSON, Elyria, Ohio
AUGUSTINE JOSEPH KARDOS, Brackenridge, Pa.
A. S. T. E., Mechanical Engineering Society

CHARLES FREDRICK KATLUN, Valparaiso, Ind.
Alpha Sigma Phi, Band, Mechanical Engineering Society
JOHN WESLEY KAY, JR., Charleston, W. Va.
A. S. T. E.
CLARENCE N. KELLER, JR., South Bend, Ind.
Mechanical Engineering Society
GUY E. KENNEDY, Evans City, Pa.
WILLIAM EDWARD KING, Jackson, Mich.
Sigma Epsilon Society, Rocket Society, Alpha Sigma Phi, All-American Chorus, Mechanical Engineering Society
CHARLES KLEIN, Long Beach, N. Y.
Theta Mu Pi, S. A. E., A. S. T. E., Mechanical Engineering Society
EDWARD JOSEPH KOLASINSKI, Newark, N. J.
Phi Kappa, A. S. T. E., Mechanical Engineering Society
FRANK KRASINSKI, Grand Rapids, Mich.
Phi Sigma Chi, Inter-Fraternity Council, Student Council, Skull & Bones C. O. A., Mechanical Engineering Society
MELVIN LAVERN KRATZMAN, Toledo, Ohio
A. S. T. E., Secretary, Mechanical Engineering Society
WILLIAM FRANKLIN KRIEGH, Clear Spring, Md.
WILLIAM GOERING KRUEGER, Depue, Ill.
Sigma Mu Sigma

Bachelor of Science

EUGENE HAROLD LAPHAM, Coldwater, Mich.
THOMAS R. LAWSON, Pleasant Lake, Ind.
Sigma Phi Delta, Mechanical Engineering Society
WALTER N. LENOFF, Ansonia, Conn.
Tau Sigma Eta, A. S. T. E., Mechanical Engineering Society
JEROME LEROY LEVENDUSKY, Manitowoc, Wis.
Mechanical Engineering Society
WARREN KEITH LIND, Celoron, N. Y.
Tau Sigma Eta, Mechanical Engineering Society

THOMAS EDWARD LLEWELLYN, Shamokin, Pa.
S. A. E., Mechanical Engineering Society
FRANK LOCK, Seattle, Wash.
Chinese Club, Mechanical Engineering Society
JOHN H. LUKER, High Bridge, N. J.
HARRY JOSEPH LUXFORD, Grand Rapids, Mich.
Phi Sigma Chi, Mechanical Engineering Society
ROBERT WILLIAM McALLISTER, Baden, Pa.
Sigma Mu Sigma, Mechanical Engineering Society

WALLACE J. McNAMARA, New York, N. Y.
Mechanical Engineering Society
WILLIAM MANN, Middletown, Conn.
Mechanical Engineering Society
DEAN L. MAYER, Alliance, Ohio
S. A. E., Rocket Society, Mechanical Engineering Society
ROBERT J. MEGARGLE, Coldwater, Mich.
Phi Sigma Chi, Alpha Gamma Upsilon, Student Council, Tri-Angle, Inter-Fraternity Council
JOSEPH MICHAEL MELIA, Cincinnati, Ohio

FIRMER HUGH MERRICK, Elkhart, Ind.
S. A. E., A. S. T. E., Mechanical Engineering Society
FRANCIS L. MESSIER, Wheelwright, Mass.
Baseball Team, Mechanical Engineering Society
FRED H. MILHAUPT, Grand Rapids, Mich.
JAMES R. MILLER, Gowanda, N. Y.
Alpha Sigma Phi, Mechanical Engineering Society
KENNETH E. MOHLER, Marblehead, Ohio
Mechanical Engineering Society

CHARLES THOMAS MONTAGNA, Bayonne, N. J.
JOHN DONALD MORGAN, Indianapolis, Ind.
GEORGE E. MULLER, Thornwood, N. Y.
Phi Kappa, Mechanical Engineering Society
WALTER MUZYCHENKO, Salem, N. H.
Beta Phi Theta
RUSSELL A. NICOLES, Walton, Ind.
A. S. T. E., Alpha Gamma Upsilon, Mechanical Engineering Society

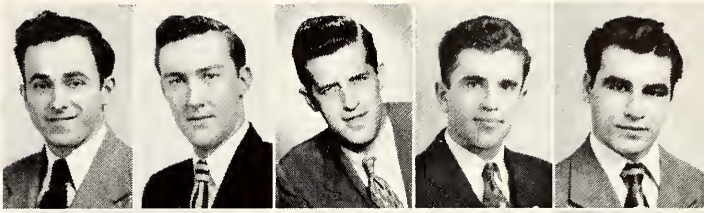
ROBERT F. NIEDERNHOFER, Alton, Ill.
Sigma Phi Delta, S. A. E., A. S. T. E., Student Council, Inter-Fraternity Council, Mechanical Engineering Society
WALTER H. NOBLE, Saginaw, Mich.
Sigma Phi Delta, Mechanical Engineering Society
DUANE L. QUIGG, Albion, Mich.
HARRY ALLEN OAKS, JR., Shelbyville, Ind.
Phi Sigma Chi
JOHN H. O'HARA, Indiana, Pa.
Tri-Angle, Student Council, Treasurer; Phi Sigma Chi, Secretary; Skull & Bones C. O. A., Mechanical Engineering Society, Aeronautical Engineering Society

LLOYD T. OSBORN, Jackson, Mich.
RAFAEL J. OSIO, Barranaquilla, Colombia, S. America
Phi Iota Alpha, Mechanical Engineering Society
WILLIAM EUGENE OUTCALT, Montpelier, Ind.
A. S. T. E., Mechanical Engineering Society
WILLIS HARTLEY OUTCALT, Montpelier, Ind.
Mechanical Engineering Society, A. S. T. E.
RICHARD LYMAN PAGET, Syracuse, N. Y.

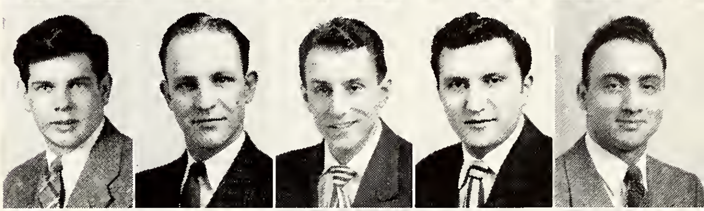
RALPH WAYNE PASHBY, Constantine, Mich.
A. S. T. E., Treasurer; S. A. E., Secretary; Mechanical Engineering Society, Recorder
JOHN C. PATAKY, South Bend, Ind.
A. S. T. E., S. A. E., Mechanical Engineering Society
ANTHONY A. PEC, Jackson, Mich.
S. A. E., Mechanical Engineering Society
HOMER N. PELLETER, Chillicothe, Ohio
RAMON F. PETERSON, Dowagiac, Mich.
Mechanical Engineering Society
MICHAEL ARTHUR PETRANTO, Rochester, N. Y.
Alpha Sigma Phi

In Mechanical Engineering

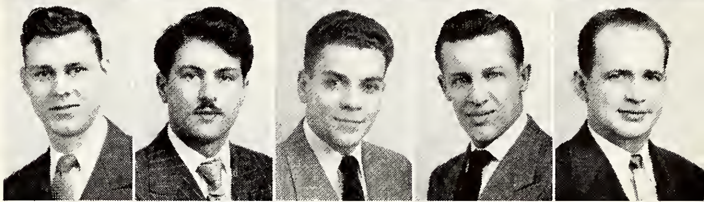
ALFRED JOHN PICONE, Port Washington, N. Y.
Phi Sigma Chi
CHARLES M. PLANK, JR., South Bend, Ind.
Sigma Phi Delta, Basketball Team, Mechanical Society
JAMES A. PRUGH, Garfield Heights, Ohio
Student Council, A. S. T. E., S. A. E., Mechanical Engineering Society
JOHN F. REINSCH, Albion, Ind.
S. A. E., Aeronautical Engineering Society, Treasurer
VINCENT C. RIVA, II, East Hartford, Conn.
Tau Kappa Epsilon, Mechanical Engineering Society



ROBERT W. ROOD, Marblehead, Mass.
S. A. E., Mechanical Engineering Society
JOHN HOWARD ROLAND, Fort Worth, Texas
Mechanical Engineering Society
ALBERT JOHN ROMEO, Bayonne, N. J.
Sigma Phi Delta, Tau Sigma Eta, Student Council, A. S. T. E., S. A. E., Skull & Bones C. O. A., Mechanical Engineering Society
ERNEST VICTOR ROMEO, Bayonne, N. J.
Sigma Phi Delta, Mechanical Engineering Society
JOHN A. SACCARECCIA, Port Washington, N. Y.
Phi Sigma Chi, Alpha Gamma Upsilon, A. S. T. E., Mechanical Engineering Society

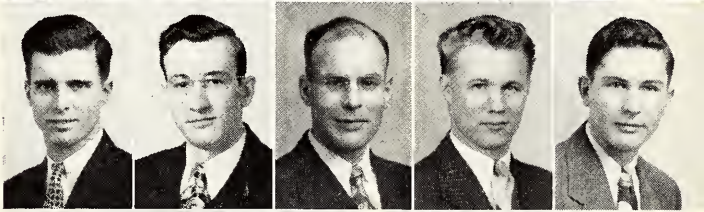


VICTOR EUGENE SAUERHEBER, Corydon, Ind.
Mechanical Engineering Society
GRACIAN JOE SCHIMIZZI Mishawaka, Ind.
A. S. T. E., Mechanical Engineering Society
ROBERT S. SEIDEL, Elkhart, Ind.
Rocket Society, Mechanical Engineering Society
ANDREW CHARLES SHAFER, South Bend, Ind.
Phi Sigma Chi, Alpha Gamma Upsilon, Student Council
MARION L. SHEPARD, Washington, Ind.
Beta Phi Theta, A. S. T. E., Mechanical Engineering Society

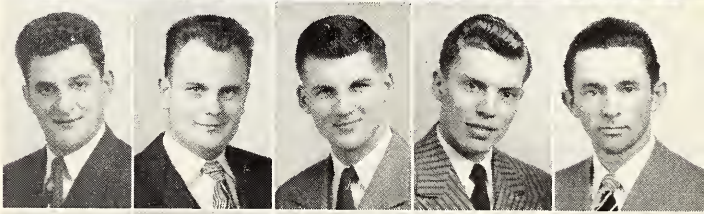


CLAYTON W. SHOFF, Howe, Ind.
S. A. E., Mechanical Engineering Society
ERNEST A. SIMMONSEN, Corry, Pa.
Sigma Mu Sigma, Mechanical Engineering Society
WILLIAM MARTIN SIMONS, San Diego, Calif.
Mechanical Engineering Society
GEORGE DAVID SINK, Greenville, Ohio
Tau Sigma Eta, Student Council, Booster Club, Mechanical Engineering Society
HAROLD E. SMITH, Angola, Ind.

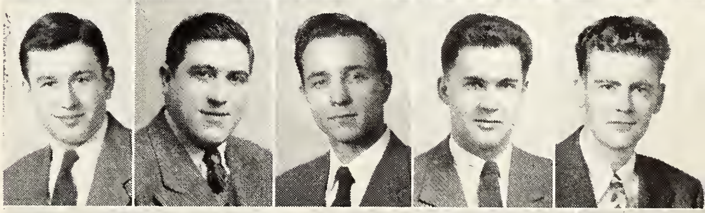
WILLIAM B. SMITH, Oil City, Pa.
CARL EDWIN SWARTZ, Elkhart, Ind.
Booster Club, Mechanical Engineering Society
CLARKE SWIFT, Dunkirk, N. Y.
Tau Sigma Eta
WILLARD J. TAMMINGA, Holland, Mich.
Mechanical Engineering Society
JAMES H. TANNER, Owosso, Mich.
A. S. T. E., Mechanical Engineering Society



TONY P. THOMAS, Michigan City, Ind.
Phi Kappa, Mechanical Engineering Society
GERALD JOSEPH TROSKE, Grand Rapids, Mich.
Mechanical Engineering Society
WILLIAM JOHN UNGER, Elkhart, Ind.
A. S. T. E., S. A. E., Sigma Tau Gamma, Mechanical Engineering Society
WAYNE H. VANDESTEEG, Storm Lake, Iowa
A. S. T. E., S. A. E., Mechanical Engineering Society
DAVID A. WALKER, Fannettsburg, Pa.
Mechanical Engineering Society

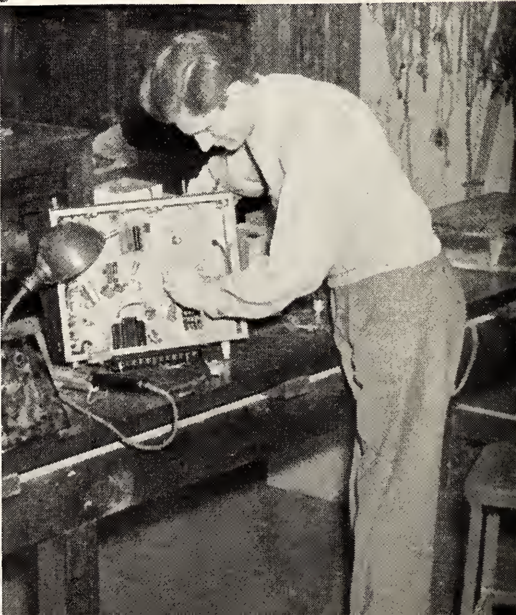


RUDOLPH A. WALTERS, JR., Shaker Heights, Ohio
A. S. T. E., Theta Mu Pi, Student Council, Band, Mechanical Engineering Society
WAYNE E. WARREN, Angola, Ind.
Tau Kappa Epsilon, S. A. E., Mechanical Engineering Society
MARVIN A. C. WEBER, Lemay County, Mo.
Alpha Gamma Upsilon
JOHN JOSEPH WEGER, South Bend, Ind.
A. S. T. E., S. A. E., Mechanical Engineering Society, President
ARTHUR K. WILLIAMS, Encinitas, Calif.
Tau Sigma Eta, A. S. T. E., Theta Mu Pi, Mechanical Engineering Society

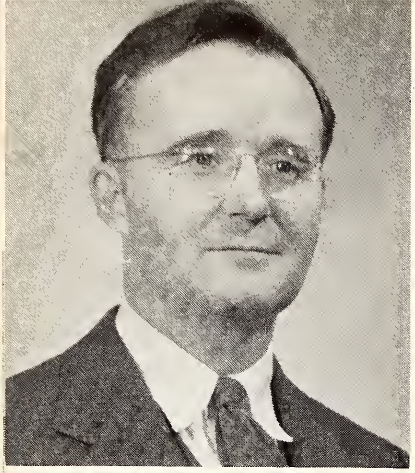


ROBERT P. WOLFE, San Diego, Calif.
HARRY WRIGHT, New York, N. Y.
A. S. T. E., Treasurer; Mechanical Engineering Society
DONALD GEORGE WYSONG, Richmond, Ind.
A. S. T. E., S. A. E., Mechanical Engineering Society
CHARLES E. ZANDERS, Benton Harbor, Mich.
DARRELD K. CALKINS, Stillwater, Okla.
Aeronautical Engineering Society
JACK CLARKE WINE, Jacksonville, Fla.
Tri-Angle, '48 Modulus, Student Council, Skull & Bones C. O. A., Mechanical Engineering Society

Typical Scenes of the Radio Department



RADIO



Radio Engineering Society

LELAND AX
Head of Department

Students enrolled in the Radio Engineering Course and others who possess an interest in Radio find valuable companionships and knowledge to be gleaned from the meetings of the Radio Engineering Society. It is their Society organized by and for them.

Activities during the past year included speeches from outstanding technicians in the Radio Engineering field; as well as talks by men in such positions as the departments of large corporations afforded much valuable information to the Society members.

The most notable achievement of the Radio Engineering Society during the past year was its reorganization under a new constitution which was written during the fall term.

An especially exciting event attendant upon these meetings was the gathering in the ham shack of a number of students and professors to observe the Television programs.

Those of us who are graduating give those members remaining strict charge to maintain the high standards and ideals of our Society, so that in the years to come we may look with genuine pride upon our Society.

OFFICERS

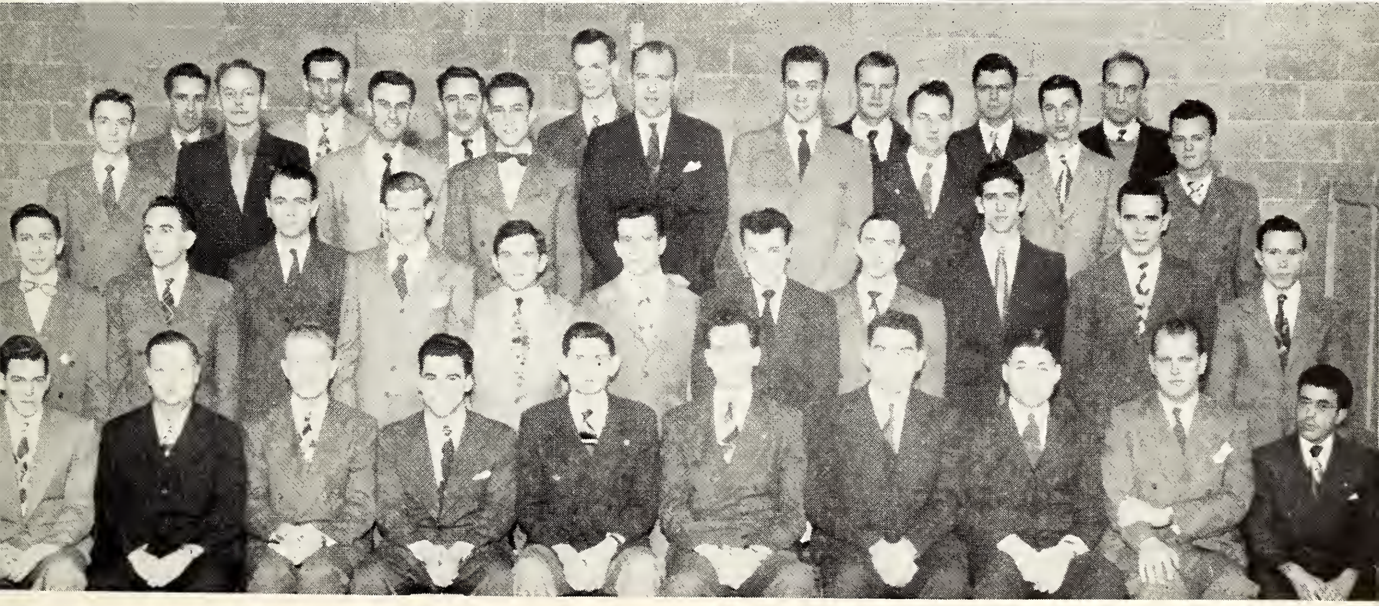
Richard S. LaFleur, *President*
Kenneth A. Timm, *Vice President*
Vincent Sacco, *Secretary*
Kenneth E. Walker, *Treasurer*

TOP GROUP

FIRST ROW: Roland C. Bartel, Robert J. Chmielewski, Samuel W. Sayer, Joseph D. Hadad, Paul D. Willcox, Charles L. DaPrato, Bruno F. DaPrato, Robert S. Page, Robert H. Mott.

SECOND ROW: Roland E. Nicht, Charles W. Mann, Jack W. Blanchard, William R. Stone, L. E. Earling, Richard J. Koehn, Edward F. Rappold, Robert A. Gardner, Glenn A. Hull, Arthur R. Wetmore.

THIRD ROW: Richard P. Bellis, Wilbur B. Hathaway, Arthur G. Dullinger, Stuart P. Moffatt, Arthur B. Millar, Harry F. Klett, William R. Pate, William J. Hawryluk.



BOTTOM GROUP

FRONT ROW: Thomas A. Helmheckel, Prof. Matthew E. Westenhaver, Kenneth A. Trim, Vincent Sacco, Kenneth E. Walker, Richard S. LaFleur, Michael J. Schwartz, Sterling O. Bickel, Robert E. Springer, Daniel T. O'Campo.

SECOND ROW: Louis Troese, Arthur Welch, Robert Hannon, Harry Ridenour, Joseph Grzesik, Edmund M. Clause, Salvatore Leo, Donald Ward, Joseph Trimarchi, William H. Andolsek, Earl C. Dittmer.

THIRD ROW: John C. Sharp, Thomas F. Valley, Robert L. Sable, Marvin E. Groll, Vernon N. Johnson, Donald C. Spaulding, Leonard M. Senger, Elden F. Boothe, H. Clifton Conkling.

FOURTH ROW: Robert Coffey, Louis T. Croneberger, Richard E. Hunt, Charles C. Kuhns, William F. Krocke, W. F. Ghiselin, Richard M. Lewis.

Bachelor of Science

NORMAN THOMAS ABBRING
DeMotte, Ind.

WILLIAM HENRY ANDOLSEK
Gowanda, N. Y.
Radio Engineering Society, Phi Kappa, Student Council, Secretary

PAUL WILLIAM ANKERMAN
Wapakoneta, Ohio
Radio Engineering Society, Sigma Phi Delta

ROLAND CALVIN BARTEL
Cashmere, Wash.
Radio Engineering Society

WILLIAM D. BECHER
Massillon, Ohio
Radio Engineering Society

RICHARD PETER BELLIS
New York, N. Y.
Radio Engineering Society

STERLING O. BICKEL
Fort Recovery, Ohio
Radio Engineering Society, Secretary; Skull & Bones C. O. A., Student Council

ROBERT J. CHMIELEWSKI
Scranton, Pa.
Radio Engineering Society

EDMUND M. CLAUSE
Portland, Oregon
Radio Engineering Society, Phi Kappa, Tau Sigma Eta

ROBERT W. COFFEY
Killbuck, Ohio
Radio Engineering Society

HENRY CLIFTON CONKLING
Staten Island, N. Y.
Radio Engineering Society

IVAN R. DAMON
Chicago, Ill.
Radio Engineering Society, Beta Phi Theta

BRUNO F. DaPRATO
Springfield, Mass.
Radio Engineering Society, Sigma Epsilon

CHARLES L. DaPRATO
Springfield, Mass.
Radio Engineering Society, Sigma Epsilon

L. EUGENE EARLING
Dunkirk, Ind.
Radio Engineering Society, Electrical Engineering Society, Sigma Mu Sigma, Band

ROBERT M. FISHER
Pleasant Lake, Ind.
Radio Engineering Society

JOHN D. FLOOD
Union, N. J.
Radio Engineering Society

JOHN EARL FREDERICK
Valparaiso, Ind.
Radio Engineering Society

WILLIAM F. GHISELIN, JR.
Houston, Texas
Radio Engineering Society

KENNETH ALFRED GREEN
Manchester, N. H.

MARVIN EUGENE GROLL
Holgate, Ohio
Radio Engineering Society, Tau Sigma Eta, Skull & Bones C. O. A., Inter-Fraternity Council, Treasurer; Alpha Gamma Upsilon, President

JOSEPH D. HADAD
Lawrence, Mass.
Radio Engineering Society, Tau Sigma Eta, Photographic Society

ROBERT L. HANNON
Green Bay, Wis.

WAYNE E. HAWLEY
Lima, Ohio
Radio Society

In Radio Engineering

WILLIAM JOHN HAWRYLUK
Philadelphia, Pa.
Radio Engineering Society, Beta Phi Theta, Student Council

THOMAS A. HELMHECKEL
Brookville, Pa.
Radio Engineering Society, Sigma Tau Gamma

HARLAND C. HILL
Royal Oak, Mich.
Radio Engineering Society

ARTHUR M. HOEHN
Detroit, Mich.
Radio Engineering Society

GLENN ALLEN HULL
Grand Rapids, Mich.
Radio Engineering Society

VERNON N. JOHNSON
Essex, Iowa
Radio Society, Photographic Society

MARTIN W. JONES
Johnson City, Tenn.
Tau Sigma Eta

JOHN J. KASPAREK
Saginaw, Mich.
Radio Engineering Society

HARRY F. KLETT
Flint, Mich.
Radio Engineering Society, Tau Sigma Eta

RICHARD JOHN KOEHN
Sheboygan, Wis.
Radio Engineering Society

WILLIAM F. KROCKE
Kortes Dam, Wyoming
Radio Engineering Society

CLIFFORD C. KURTH
Chippewa Falls, Wis.
Basketball

RICHARD S. LaFLEUR
Orange City, Iowa
Radio Engineering Society, President; Tau Sigma Eta

CLAUDE F. LeFEVER
Marshallton, Iowa
Radio Engineering Society

SALVATORE S. LEO
Newark, N. J.
Radio Engineering Society, Phi Kappa, Inter-Fraternity Council

DONALD P. LERCH
Harrisburg, Pa.
Radio Engineering Society

RICHARD M. LEWIS
Friendship, N. Y.
Radio Engineering Society

CHARLES W. MANN
Waynesboro, Pa.
Radio Engineering Society

EDWARD LEO MARRAH
Columbus, Ohio
Radio Engineering Society, Phi Sigma Chi

MATTHEW SAMUEL MOLLICA
Maugatuck, Conn.

ROBERT H. MOTT
Olean, New York
Radio Engineering Society

WILLIAM R. PATE
Owensboro, Ky.

CHARLES THOMAS POWERS
Williamsport, Pa.
Radio Engineering Society, Sigma Phi Delta

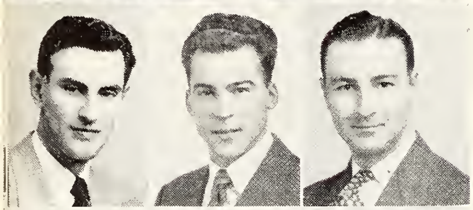
ORVILLE LOUIS PRUETZEL
Millstadt, Ill.
Radio Engineering Society, Tau Sigma Eta

Bachelor of Science In Radio Engineering

EDWARD FRANK RAPPOLD
Ashtabula, Ohio
Radio Engineering Society, Student Council, Golf Team

MANUEL REY
Canton, Ohio
Alpha Sigma Phi, Tri-Angle

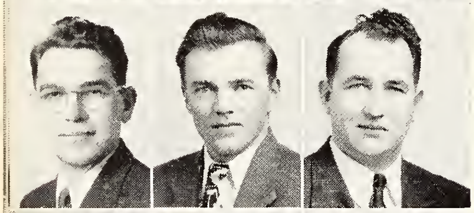
HARRY E. RIDENOUR
Elwood, Ind.
Radio Engineering Society, Student Council



ROBERT LEON SABLE
Haverhill, Mass.
Radio Engineering Society

VINCENT SACCO
Brooklyn, N. Y.
Radio Engineering Society, President; Phi Kappa, Tau Sigma Eta, Skull & Bones C. O. A., Student Council, Inter-Fraternity Council, Vice-President; Tri-Angle

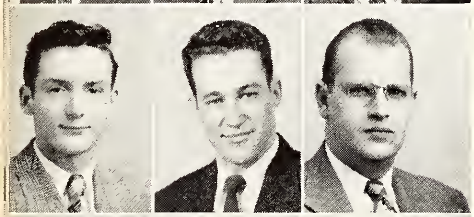
SAMUEL W. SAYER
Muskegon, Mich.
Radio Engineering Society



MICHAEL J. SCHWARTZ
Bremerton, Wash.
Radio Engineering Society, Electrical Engineering Society, Student Council

ROBERT SINCLAIR
McDonald, Ohio
Radio Engineering Society

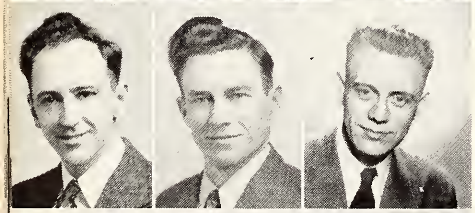
LEONARD MARTIN SENGER
Clements, Minn.
Radio Engineering Society



JOHN C. SHARP
Wayne, Mich.
Radio Engineering Society, Alpha Sigma Phi, Sigma Epsilon

DONALD C. SPAULDING
Casper, Wyoming
Radio Engineering Society, Alpha Sigma Phi, Band

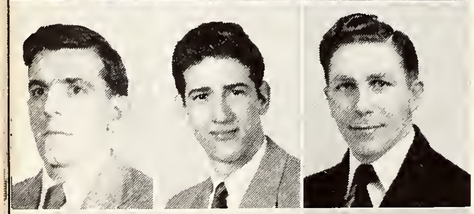
ROBERT EDWARD SPRINGER
Centreville, Mich.
Radio Engineering Society, Tri-Angle, Managing Editor and Associate Editor; '49 Modulus, Business Manager;



RICHARD HOWELL STEWARD
Bloomsburg, Pa.
Radio Engineering Society

WILLIAM R. STONE
Allegan, Mich.
Radio Engineering Society

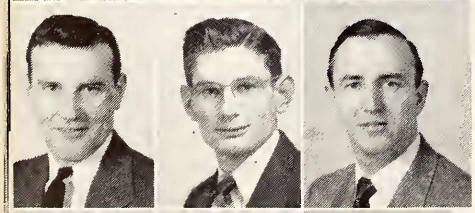
KENNETH A. TIMM
Edgerton, Wis.
Radio Engineering Society



EDWARD WILLIAM TIPPENHAUER
Newport, Ky.
Radio Engineering Society, Baseball

JOSEPH TRIMARCHI
Harrison, N. Y.
Radio Engineering Society, Tau Sigma Eta, Phi Kappa

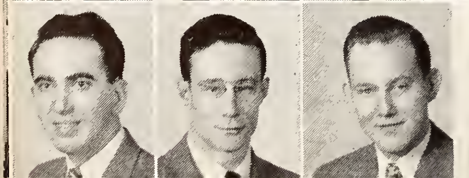
LOUIS TROESE
Clarion, Pa.
Radio Engineering Society



RICHARD CARL WADSWORTH
Milan, Ill.
Radio Engineering Society

KENNETH EARL WALKER
Hope, R. I.
Radio Engineering Society, Vice-President

DONALD LEE WARD
Thomasville, N. C.
Radio Engineering Society



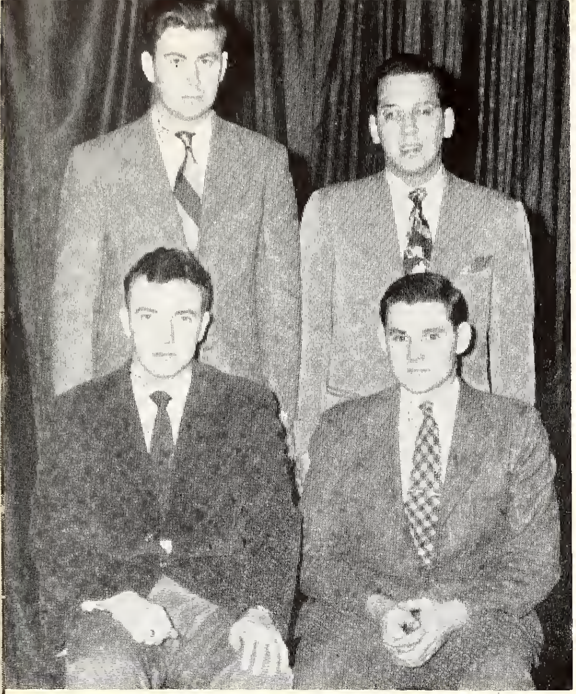
ARTHUR WAYMO WELCH
Memphis, Tenn.
Radio Engineering Society

ARTHUR R. WETMORE
Natick, Mass.
Radio Engineering Society, Tau Kappa Epsilon

PAUL DAVID WILLCOX
Floral Park, N. Y.
Radio Engineering Society, '49 Modulus, Tri-Angle, Photographic Society, Student Council, Skull & Bones C. O. A.

Autographs

ACTIVITIES



The

STUDENT COUNCIL OFFICERS

John O'Hare, *Treasurer*
Carlo Martinez, *Secretary*
Donald Creedman, *President*
Charles Witt, *Vice President*

The Student Council is an organization made up of students to promote such campus activities as dances, inter-collegiate sports, election of senior class officers, and other activities that will benefit the student body. It is the voice of the students, expressing their views to the college and the public.

The Council is composed of two members from each student organization on campus. It is the duty of these members to attend all meetings, participate in Council activities, and to report to their organizations any and all progress that has been attained.

Although this last year has brought about a greater and better Student Council program than any in the past, there are even higher hopes for the future.

Student Council

STUDENT COUNCIL REPRESENTATIVES

Harry D. Ballard	*Aero Society*
John Bell	*Civil Society*
Sterling Bickel	*Radio Society*
Robert Brooksbank	*Tau Kappa Epsilon*
Joseph Chamness	*Electrical Society*
Walter L. Clark	*Alpha Beta Alpha*
Burt Cowin	*Sigma Phi Delta*
Donald Creedman	*President*
David Crissman	*Inter-Fraternity*
Rafael de los Rios	*Phi Iota Alpha*
Herminio Diaz	*Phi Iota Alpha*
Ralph F. Fox	*Sigma Epsilon*
James E. Gaffney	*Phi Kappa*
Robert L. Greim	*Sigma Mu Sigma*
Everett Harris	*A. S. T. E.*
Cecil Hauber	*Faculty Advisor*
William Hawryluk	*Beta Phi Theta*
William Ingham	*Mechanical Society*
Robert Kelemen	*Tau Sigma Eta*
Myron L. King	*Alpha Sigma Phi*
Paul Kostyshak	*Civil Society*
Pat R. Monroe	*Sigma Mu Sigma*
Stanley Natowitz	*Theta Mu Pi*
Ivan Nicodemus	*C. O. A.*
Lester L. Overbaugh	*Electrical Society*
Al Paddock	*Photo Society*
James A. Prugh	*Mechanical Society*
Vincent Sacco	*Phi Kappa*
Michael J. Schwartz	*Radio Society*
William Setlock	*Photo Society*
Vern D. Shipley	*C. O. A.*
Joe Sowa	*Phi Sigma Chi*
Eugene Straight	*Chemical Society*
Bill Teagno	*Tri-Angle*
William Thourlby	*Alpha Sigma Phi*
Francis Townes	*Aero Society*
Clyde J. Underwood	*Sigma Epsilon*
Raymond Urch	*Tri-Angle*
Paul D. Willcox	*Suggestion Committee Chairman*
Charles Witt	*Vice President*
Dave Yee	*Chinese Club*

Skull & Bones, C. O. A.

Skull and Bones, C. O. A. was inaugurated as an honorary social society by a group of ten charter members in the spring term of 1948.

During the summer term the Skull and Bones was occupied with internal organization and at the end of the term inducted 13 new members. Honorary members elected were Theodore Wood, J. Glenn Radcliffe, and Bill Sunday as faculty advisors.

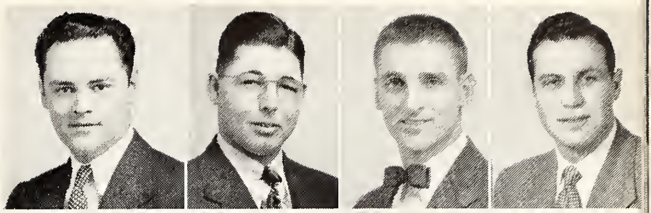
Skull and Bones in its ideals is to recognize outstanding student leadership in extracurricular activities, to promote student activities by encouraging students to become active in at least one campus organization, to promote student spirit and brotherhood and, finally, to promote to the highest degree the traditions, honor, and prestige of Tri-State College.

SKULL & BONES OFFICERS

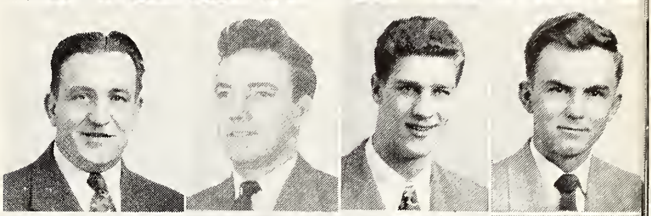
First Row
Charles Witt, Kenneth Dettweiler

Back Row
Howard Sullivan, Walter Clark

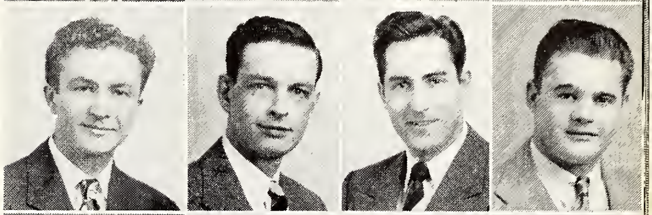
John B. Ball, Jr.
Sterling O. Bickel
Ross A. Butler
Joseph A. Chimenti



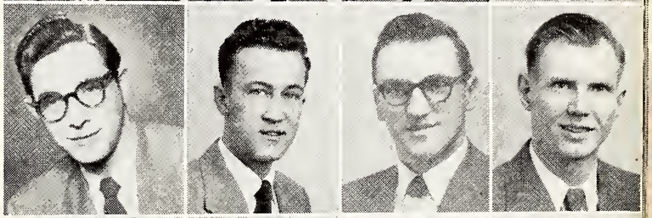
Walter L. Clark
Donald F. Creedman
David B. Crissman, Jr.
Kenneth R. Dettweiler



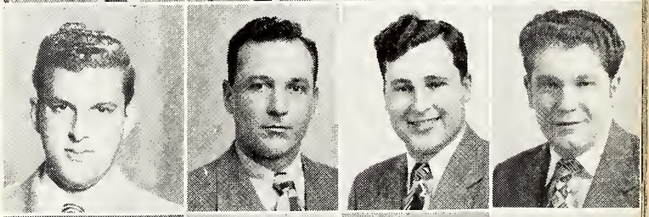
Paul Dnistran
Richard A. Evans
Ralph F. Fox
Otho B. Gill



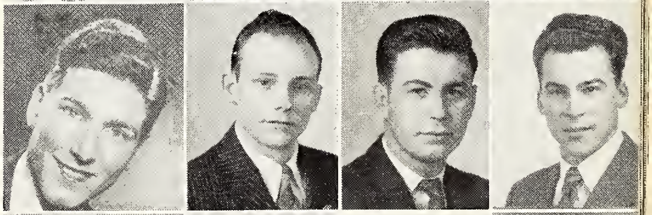
Leon Goldberg
Marvin E. Groll
Clifford F. Harbeck
Everett A. Harris



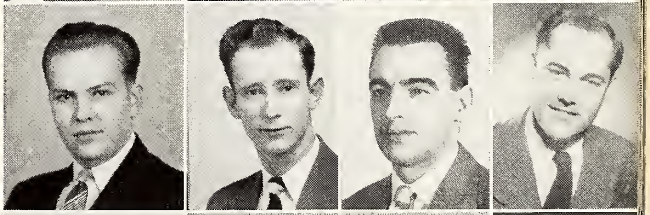
William J. B. Ingham, Jr.
Daniel F. Kelleher
Frank Krasinski
Victor F. Mainente



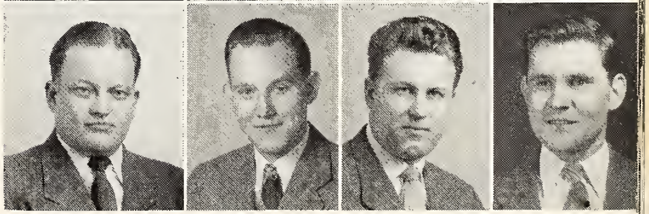
Stanley Marcus
Ivan Nicodemus
John H. O'Hare
Vincent Sacco



Arthur E. Schott
Vern D. Shipley
Howard M. Sullivan
Norton H. Sutton



Clyde J. Underwood
Paul D. Willcox
Jack Clarke Wine
Charles Witt



Nineteen Forty-nine Modulus
Modulus 1942
1923
The Modulus
1946
MODULUS
MODULUS 1935
MODULUS
1948 MODULUS
Modulus
1938
MODULUS 1949
Modulus

The domineering force behind your 1949 Modulus. He carried out the biggest job of the year in magnificent fashion.

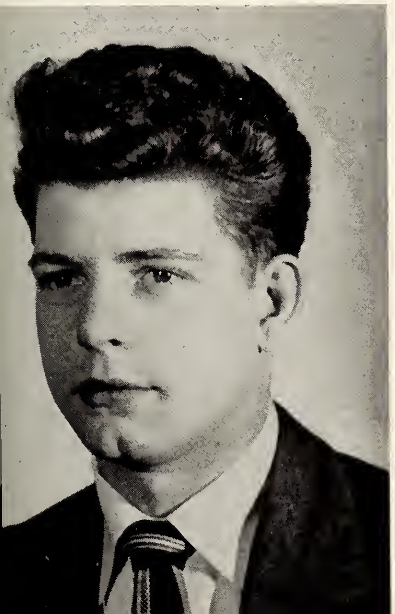
Modulus Staff

After thumbing through your 1949 Modulus, perhaps you would like to see the people who assembled it . . . the people who pounded out readable copy . . . the photographers who showed up at unusual places to get unusual pictures . . . the folks who did the office chores and filed stacks of correspondence . . . the editors and business staff who wrestled with publication problems and financial contracts.

PRINTER
ENGRAVER
COPY
PHOTOS
COVER
ART

WILLIAM L. THOURLBY
Editor-In-Chief

ALEX SCHULTZ
Associate Editor



Coordinator of the entire Modulus staff. By far, one of the most difficult tasks, but by far one of the most successfully executed.

Bob was the financial wizard of the staff. The fact that he completed his job in grand style can be attested to by the many congratulatory letters from people with whom he did business.

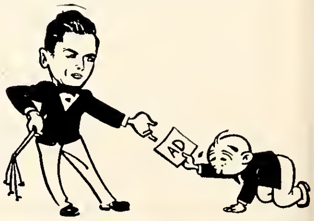
ROBERT SPRINGER
Business Manager

The work of gathering information and planning pictures of hundreds of graduates and scores of activities furnished plenty of work for the editorial staff. Selling and distributing 750 copies of the Modulus plus going out and getting ads put many more students to work in circulation and advertising departments.

STANLEY NATOWITZ
Assistant Business Manager

"Ike" did a job everyone thought impossible. He was the huckster who was responsible for the sale of the most yearbooks in the history of Tri-State College.

ANTHONY GUCCIARDI
Advertising Manager



Tony was the power behind soliciting ads for the Modulus. The thoroughness with which he did his job can best be explained by the fact he accounted for the largest dollar volume of advertising ever.

Words are not necessarry to tell of Red's accomplishment. One glance at the arrangement and organization of the book will speak for itself.

With Thanks To - - -

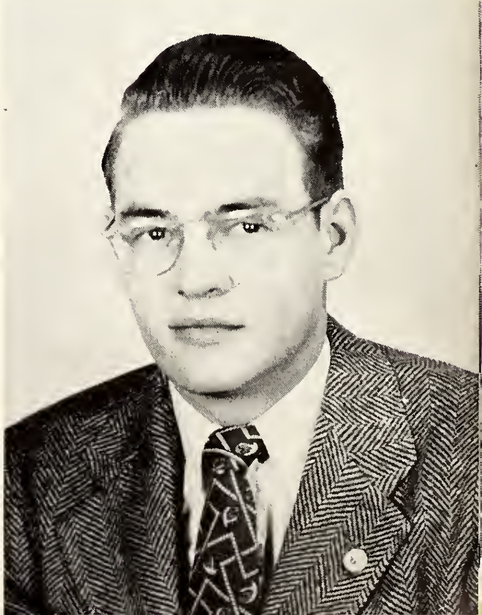
The 1949 Modulus Staff — all those guys n' gals who made the wheels go 'round; Roy C. Bodie, Jr. and Professor Robert H. Ramsay, advisor; Cline Studio; the Fort Wayne Engraving Company; Eugene Craig and his staff of artists; the S. K. Smith Company; the Steuben Printing Company; and to all of you who have helped make this year book possible.

FRED PYNE
Layout Editor

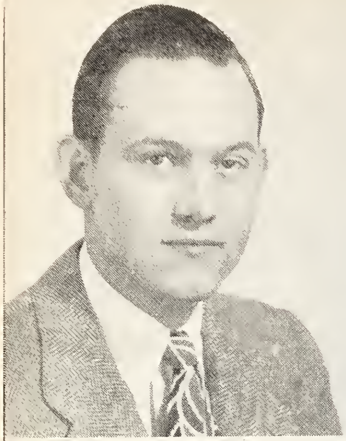
Nort had the task of arranging all Fraternity and Society picture schedules. He completed his job more quickly and satisfactorily than anyone had anticipated it could be done.

NORTON SUTTON
Managing Editor

ROBERT HENDERSON
Managing Editor



Bob took upon himself the job of correlating pictures for one of the largest graduating classes in Tri-State history. Despite the magnitude of the task he completed it in record time and in fine style.

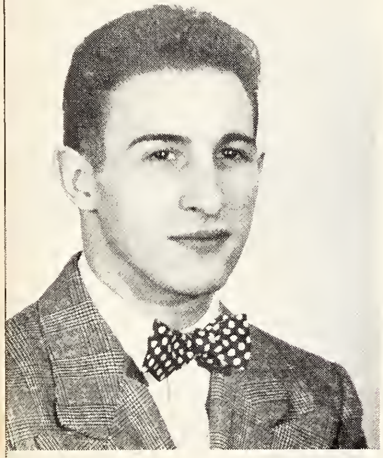


PAUL WILLCOX

Photographic Editor

It is said that without pictures a yearbook is nothing. Upon Paul fell the job of more and better pictures. Proof that he did his work well is evident throughout the book.

Yes! Its been a long hard road, but the job has been accomplished in grand style. Herein lies a book which is a definite tribute to the many long hours which have been expended in its production Truly, not the book of the week, not the book of the month, but the book of the year.



WILLIAM TEAGNO

Literary Editor

Due to the fact that in my capacity as literary editor I was required to write descriptions of the staff, I am not at liberty to divulge myself.

CHARLES WOLFE

Sport Editor

Chuck was the fellow who had to compile the events of our biggest sport's year. To do a good job was difficult but to do what Chuck did was miraculous.

MARI-JEAN CHADDICK

Copy Editor

Mari-Jean Chaddick is the individual who is responsible for the feminine touch in your Modulus. That a woman's touch is necessary cannot be doubted, and that Mari-Jean provided it, is evident.

Typical Scenes of the Modulus Staff At Work

Editor
F.W. Pyne

THE TRI-ANGLE
OF TRI-STATE COLLEGE

Published By
The Students Of
Tri-State College

ebruary Issue ANGOLA, INDIANA, FEBRUARY 21, 1949 N

Better Buy Your Modulus Toda

oosier Princess Candidate

—Photo by Keel

his year Tri-State College had honor of being represented a candidate for Hoosier Prin s. Sixteen colleges in Indiana re given the privilege of sub ting a campus queen to repre t their school in the contest the Indiana title. We were eed fortunate to be represent by Miss Virginia Lee Smith, a dent of the school of com rce and a resident of Angola. The contest is sponsored by the ianapolis Star and the success candidate is sent to Washing to represent Indiana in the nual Cherry Blossom Festival the spring. The various state didates vie for the queenship the festival in Washington.

The winner of the Indiana contest this year was Patricia Ann Abell of Ball State Teachers College. Other candidates besides Miss Abell and Miss Smith were Nancy Grant, Franklin College; Colleen R. Vaughn, Purdue University; Martha Mennen, Indiana Central College; Elizabeth Anne Elleman, Earlham College; Donna Brueggeman, Valparaiso University; Eleanor Jean Smith, Indiana University; Marjorie Reed, Butler University; Patsy Nichols Vincennes University; Joyce Delaney, DePauw University; Pelsia Benedict, Evansville College; Willa Dean Harris, Canterbury College, and Barbara Baber, Indiana State Teachers College.

5 Years And 00 Miles Away

ri-State has graduates in over the world. Some n scattered a long the just as interested State's activities en they were gradu Proof of this state this editor's daily form of the follow

32 Perso
Ven

itor, The Kismet
State College
gola, Indiana

ar Sir:

This year will be my fift ersary since leaving Tri ing which time I have thing regarding the college.

Would you kindly s I might be able to ool paper as I believe I may be able to follo gress of Tri-State?

Thanking you for any may be able to extend remain

Very truly yours
DAVID W. CARMICHAEL

Editor's Note: Mr. Carmichael hall personally see that you opy of our new student paper, Tri-Angle. The Kismet ceased lication just prior to World r II.

lumni Director's Note: Thank Mr. Carmichael, for sending your new address and we hope other alumni will follow r example. For the past year a half we have been sending class letters to our "missing" duates and we are gratified h time we receive a new ad ss and can return that gradu 's record card to our active mni files.

Professor Rumble

Page 2

THE TRI-ANGLE

Editor-in-chief—Robert S. Overmyer
Managing Editor—Joe A. Sowa
Associate Editors—Robert J. Kelemen, Robert E. Springer
Copy Editor—Mari-Jean Chaddick

Published Monthly By The Students Of Tri-State College, Angola, Indiana

EDITORIAL STAFF

FEATURE EDITOR—Bill Teagno

WRITERS—Robert Kelemen, N. H. Sutton, Lawrence Francis, Robert E. Springer, Vincent Sacco, Fred Schmidt, Richard Stout, Don Creedman, Bill Teagno, Tom Miller, B. P. Maddalena.

FRATERNITIES AND SOCIETIES— Editor, Bill Thearilly

Chemical Society	Bob Henderson
Civil Society	Charles York
Aero Engineering Society	Raymond Busse
Sigma Epsilon	V. Smith
Photo Club	Charles Freeburg
Chinese Club	King Lee Bowyen
Tau Sigma Eta	Bill Jockers
Beta Phi Theta	Ray Corrigan
Alpha Sigma Phi	Tony Gucciardi
Phi Kappa	Walter Clark
Alpha Beta Alpha	Russell Ruppert
Tau Kappa Epsilon	Robert J. Kelemen
Sigma Mu Sigma	R. de los Rios
Phi Iota Alpha	Elliott Rodgers
Theta Mu Pi	

Phi Sigma Chi	Kenneth Curwin
Sigma Phi Delta	Samuel R. Yeager
American Legion	Cub Ulmer
Student Council	John O'Hare
Mechanical Engineering Society	Ralph Pashby
Radio Engineering Society	Robert E. Springer
Electrical Engineering Society	Joe Chamness
Inter-Fraternity Council	Jerry Marcus
Skull and Bones, C.O.A.	William Ingham
A. S. T. E.	
Society of Automotive Engineers	

SPORTS—Ralph Fox, Editor; Ed Buckley, Ray Ursh, Scott McCurdy

PHOTOGRAPHERS—Paul Willcox, Al Paddock

Business Staff

Circulation Manager	Pete Bryan
Advertising Manager	Stanley Natowitz
Assistant Advertising Manager	Hugh Gunther
Exchange Editor	Fred Schmidt
Art	Fritz Overmyer
TECHNICAL ADVISOR	Dorothy Monroe

Faculty Advisors
Robert Ramsay, Roy Bodie

IT'S YOUR FUTURE

a man searches for? confident feeling it recognition

s the question: Will you these professions? content to be

Sympathy

Our deepest tended to Mr. and Mrs. L. Quigg for the loss of their 8 months old daughter, Diane, who died last week end. Duane is a March graduate in Mechanical Engineering.

IN MEMORIAM

NIAL G. ALEXANDER

April 20, 1928 — February 10, 1949

"The Lord Giveth, The Lord Taketh Away"

It is with heartfelt compassion that the students and faculty of Tri-State College mourn the untimely death of Nial G. Alexander, student of Electrical Engineering. Nial was born in Richmond, Indiana, and joined our ranks in September, 1947, under a scholarship to study his chosen field. During his two years here he made many friends.

Our prayers are many in order that his soul may find peace and contentment in a life everlasting.

God be with him.

Phi Sigma Chi To Receive Charter From Alpha Gamma Upsilon

On January 25, 1949, the National Social Fraternity Phi Sigma Chi, petitioned the National Collegiate Fraternity Alpha Gamma Upsilon, for a charter.

A group of representatives composed of the Executive Secretary, C. M. Force and two of his associates S. W. Anderson and J. A. Tracy, visited the house on a tour of inspection on February 5, and submitted a report to National Headquarters, Detroit, Michigan.

Their report was favorable to the Board of Directors and Phi Sigma Chi has been given the green light to make plans for a banquet to inaugurate the acceptance of the organization into the Alpha Gamma Upsilon National Collegiate Fraternity.

Due largely to the efforts of Robert Megargle and owing to the splendid record of all present and past members, the final acceptance will add another link to the chain of steady progress toward improving the position of both the society and improving relations between this college and those in the Tri-State area.

The first chapter of Alpha Gamma Upsilon was founded in 1923, by Herbert Carter, Homer Iden, Alfred Koenecke and Dale Odneal.

The purpose of forming the Alpha Gamma Upsilon was for the edification of all its members. To promote a congenial and stimulating atmosphere in which its members might find the satisfaction of their social needs. [illegible]

[illegible] trophy is awarded [illegible] chapter which [illegible] of a chapter news [illegible] the name of the winner and the year is engraved on the trophy. If won three times it becomes the possession of that chapter.

A key is awarded annually by the Board of Directors to the outstanding member of each undergraduate chapter. This highly coveted pendant is presented to the one man in each chapter who most nearly exemplifies the ideal fraternity man.

An Alumni Cup is awarded annually to the chapter which fulfilled to the highest degree the ideas and principles of the fraternity. The cup remains in possession of the victor for the subsequent year, although it is actually again put in competition.

Undergraduate chapters in our area include the University of Detroit, Wayne University, University of Toledo, and Michigan State and Normal College.

Prominent names among the alumni include, Educational: Dr. Robert E. Osborn, Dean, College of Electrical Engineering at Cornell University — Industry and Finance: Homer Iden, Chase National Bank, New York City and Dr. Stuart McClain, Director of Nuclear Research, Oak Ridge, Tenn. — Religious: Rev. J. Pierce Emes, Pastor, First Presbyterian Church, Adrian, Michigan, and in the Medical Profession, Dr. John H. Underwood, D. O. Detroit, Michigan.

An auxiliary sorority, the Alpha Alpha Pi has chapters located in Fort Wayne and Detroit, Michigan.

Student Of The Month

R. Paddock

[illegible] Sigma [illegible] executive [illegible] held the offices of vice president and pledgemaster. Ken is popular not only in his own fraternity where he was elected to represent Sigma Mu Sigma on the Inter Fraternity Council, but in addition he has held the offices of president and secretary of the I. F. C. He also has served as junior and senior representatives of Sigma Mu Sigma on the Student Council. At present Ken is vice president of Skull and Bones C. O. A. and he is a past secretary. In addition to all this he has been a member of the Aeronautical Society for four terms.

Kenny will receive his B. S. degree in Aeronautical Engineering this June and will immediately make Miss Mary Ellen Warren of Elkhart Mrs. Kenneth Dettweiler. With his wife, Kenny is going to take Horace Greely's advice to "Go West, Young Man." He intends to practice his profession on the West Coast in the field of Jet Research.

We proudly dedicate this column to Kenny Dettweiler, our choice for success.

Division Of Classes Planned

An idea for dividing the classes has been worked out and handed down to us in hopes of speeding up registration, helping to gain recognition for the college and organizing the students for the purpose of promoting school spirit.

Most of you have either read the plan or heard of it by now but for those of you who haven't it reads:

I. The student body of Tri-State College shall be divided into four (4) classes, Freshman (C-B-A)—1st, 2nd and 3rd termers; Sophomores (B-A)—4th and 5th termers; Juniors (B-A)—6th and 7th termers and Seniors (B-A)—8th and 9th termers. Students shall be designated and assigned to classes according to time remaining until graduation for those taking other or more than the regular 9 term course. This division is to be active as such from registration March, 1949, on. Students will be informed as to their classifications upon registration.

This would mean that if you are in your second term and you have thirty-two subjects (counting the ones for the term you are in), you are a Freshman B. Your class standing is figured by the number of unfinished classes divided by four. All fractions will be considered as full terms.

II. Each class shall have four officers: President, vice-president, secretary and treasurer and as many committees as may be necessary for the welfare of the class. Each class shall have two [illegible] representatives on the Student Council who shall represent [illegible] class on council decisions and [illegible] Senior Representative shall [illegible] member of the nine (9) man [illegible] Committee of the Student Council.

[illegible] practically self explana[illegible] for the Judiciary [illegible] which is in the devel[illegible] The tenta[illegible] one (1) man from [illegible] classes, one (1) man [illegible] Inter-Fraternity Coun[illegible] (1) man representing the [illegible] one (1) man from the [illegible] branch of the col[illegible] The other two members [illegible] be the president and secretary of the Student Council, but [illegible] shall have no vote.

III. There shall be a minimum [illegible] two (2) meetings a term for [illegible] class. The first being for the [illegible] of officers. A record of [illegible] attendance shall be kept at all [illegible] meetings.

[illegible] is along the same line as [illegible] meetings we have had [illegible] past. The attendance rec[illegible] a protection clause. If you [illegible] attended the meeting [illegible] you have no right to object [illegible] made there by the class.

IV. Duties of the officers shall follow those set up in Roberts Rules of Order.

This is self explanatory. Those of you who don't know Roberts Rules of Order should check the book out some time. It cuts meeting time in half.

V. Those in the preparatory stage shall not be considered as This is the only solution as those students in the college proper, in the prep stage could hardly be considered members of a college class.

This plan has great possibilities so when these classes organize let's all turn out for the meetings and put forth all our efforts and show the man who worked this out that it was not in vain.

Poetic Post-Mortem

By Anon

ARCHIE THE ACCOUNTANT

Archie the Accountant has knowledge to burn
He can tell at a glance if its a going concern.
His debits and credits will always add up,
A slip of the pencil and, fellow, you're bankrupt.
But alas and alack, to Archie's dismay
Women and ledgers are poles away.

Deadline For Subscriptions Is March 10

It's on the way! Yes, it's on the way! The 1949 Modulus is due in June.

This year, due to an industrious and capable organization, the Modulus promises to be one of the best annuals ever to depict the hallowed halls of Tri-State College. Every effort has been exerted to obtain the most qualified commercial jobbers, and so far results have been better than could be hoped for. In this endeavor to better the Modulus, we were very fortunate to obtain the services of Gene Craig, cartoonist for The Fort Wayne News-Sentinel. This in itself should go a long way toward brightening the Modulus, which in previous years has lacked the color promised this time.

Nevertheless, in spite of the smooth movement of production, fate of the Modulus still hangs in the balance. We all are well aware of the fact that a yearbook is an expensive proposition and without subscribers its production is an impossibility. In the past the Modulus has always operated at a deficit. Many methods have been attempted to compensate for these losses but none has ever proven successful. For this reason a new sales program has been instituted this year.

We have set March 10 as the deadline for all orders. After this date no subscriptions will be accepted in any shape or form. Thus, if subscribers are not at a high level, we still will be able to produce the annual for the persons who have ordered—and at a minimum cost.

The staff realizes there will be a great deal of skepticism about the possibility of publishing a truly great Modulus, but you may be assured the only disappointed persons will be those who failed to buy theirs.

Remember! It's due in June!

S. A. E. Organizes Branch Here

Thursday evening, February 3, approximately 45 persons, including enrolled student members of the Society of Automotive Engineers, met for the purpose of organizing a Tri-State student branch of S. A. E.

The Society of Automotive Engineers is a professional organization for those engaged in the design, production, operation and maintenance of passenger cars, trucks, aircraft, diesel powered equipment, tractors and farm machinery, their component parts and fuels and lubricants.

S. A. E. committees solve engineering problems at the request of government and industry. S. A. E. committees also establish standards and recommend practices and material specifications which are accepted by industry.

Benefits derived from enrollment in the Society include: monthly issues of the S. A. E. Journal, attendance at group and sectional meetings, numerous S. A. E. publications available at reduced prices to members, and free use of the S. A. E. Placement Service. Student enrollment in the society costs three dollars per year.

The purpose of the student branch is to promote interest in new developments in the automotive industry and to further acquaintance and good fellowship among the students.

The following officers were elected for the present term: Chairman, David A. Walker; vice chairman, Paul Dolstrom; secretary, Ralph W. Pashby; treasurer, William E. Outcalf, and faculty advisor, Professor John Humphries.

Meetings will be held on the first and third Thursday of each month. Membership is open to all engineering students. Application forms may be obtained from the secretary.

If Washington never told a lie, he's not like a lot of politicians I know.

Skull And Bones Gives 'Em Th Handshake

By Jerry Marcus

Once again Skull and Bones, C. O. A., the most recent and by far the most aggressive Society on the campus, has shown that its interests are those of Tri-State's — its purpose — to further our school's standing.

You all will undoubtedly remember this Society for its admirable accomplishment last term of sponsoring the diplomas which were presented to the graduating seniors' wives at the Senior Prom.

These boys, for y from term, just won't allow any of proverbial chlorophyl con weed to grow under their Their latest promotion is one really deserves a round of plause. They've devised a se which was suggested by Ch Member Jack Wine, whereby and every new student com Tri-State is personally greet indoctrinated. That sounds f pretty big job, but here's how go about it. A complete list of students is obtained from th fice and is divided equally am the members. It is then the lization of each member to co personally each new student o list and make him feel at h This term each member around seven students to co and little time was wasted in se.

One of the Society's main tions is to increase student i est in extra-curricular acti and this "direct contact" se seems to be going a long wa ward accomplishing this pu According to reports from members most of the students tacted are a bit surprised haps even a bit suspicious first but after the boys finish ing the new students are q right appreciative to get a fe those ever present First-Term Blues off their chests. The bers attempt to give the new dents a complete description any and all societies which be of interest to them.

The Skull and Bones is a which all of us can look to big things in the future, and which we can thank for its as its purpose something so to us all — our school.

Know Your Prof

—Photo by Willcox

Professor George F. Schultz is one of the newest additions to our teaching staff at Tri-State College. He came here in January of this year after three years in Sao Paulo, Brazil, where he was an instructor for Escola Tecnia de Aviacao in its Aircraft Electrical Department.

Although he has seen much duty in foreign countries, acting in both civilian and military capacities, his home is in Columbia City, Indiana.

Professor Schultz is a graduate of Marshall Memorial High School of that city and in 1927 he entered the United States Naval Academy at Annapolis, Maryland. He was graduated from there in 1931 as a commissioned Ensign. During his stay at the Academy he won varsity letters in basketball and baseball. He served as Athletic Director of the year book, "Lucky Bag."

After receiving his commission, Mr. Schultz was assigned to the battleship Maryland where he served two years as junior officer in Gunnery and Engineering. In 1923 he went to Pensacola, Florida, for flight training. The next two years saw him as Electrical Officer aboard the U.S.S. Lexington.

On both the Maryland and Lexington he coached the basketball and baseball teams. In 1932 he piloted the U.S.S. Maryland's baseball team to a championship and did the same for the U.S.S. Lexington's baseball team in 1935.

In 1936 Mr. Schultz was ordered to duty overseas in Berlin and Latvia, where he studied the Russian language and visited the Soviet Union. Back in the United States in 1938, he was assigned to sea duty aboard the U.S.S. Bainbridge until his retirement in 1940 for physical disability.

Now we are getting closer to the present situation with a review of Professor Schultz's teaching experience. In 1941 he began at Indiana Technical College, Fort Wayne, where he remained for three years as Civil Aeronautics Administrator for War Training Service. In 1944 the position was discontinued and he worked for a year in the General Electric Laboratory in Fort Wayne.

This brings us around to the opening statements concerning Professor Schultz's career when we mentioned his three years in Sao Paulo as instructor for the Brazilian Air Force.

Professor Schultz states that there is a great opportunity for engineers in Brazil at the present time.

The students and faculty of Tri-State College welcome Professor George F. Schultz to the campus and we hope he finds us a pleasant bunch with whom to work.

Valentine Danc Big Success

Did you attend the Vale Dance? If you did, you will what I mean when I say that joint was really jumping." one of the largest crowds ev attend a dance in the recre hall really enjoyed the danc February 11, 1949. They da to the music of a very new "The Cocktail Six and One S This was the band's first appearance. All of the music have had considerable exper with semi-name bands.

Decorations consisted of sil ers in blue and white, form gracefully curved arch to the ter of the ceiling. Above streamers soft red and blue provided illumination. With playing of their theme "W New," "The Cocktail Six" st the dancing party off to a start at 9 p.m. With interm vocals by Kathleen "Tyne Smith, the band kept the dancing and happy until a.m. when the affair ended.

On Friday, January 21, there was a Sports Dance in of Tri-State's athletic pro Music for this dance was fu ed by the "Anything Can H Band."

At 10:30 o'clock that ev dancing ceased while Don man, the Student Council dent introduced Coach Bo vine. Against a background o toons depicting our sports in action, Coach Divine the sented "his Boys," the bask team, who then received a derous ovation from the Win or lose, they're OUR and the applause was, of a c ty, an overwhelming appro the fighting spirit of our b ballers.

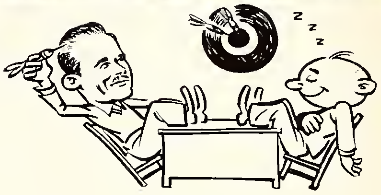
Refreshments served late lowed by more dancing, som the evening.

Some may wonder who th sons are who take time t decorate the recreation hal make it look more like a ball The dances are sponsored College and supervised by th dent Council. Several mo from the Council take tim and do the decorating. They sons do a splendid job. Th also the job of getting ente

(Continued on page 2

JOSEPH SOWA
Associate Editor

ROBERT OVERMYER
Editor-In-Chief



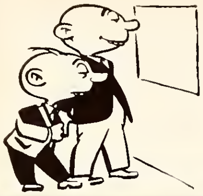
The Tri-Angle

The Tri-Angle, the college newspaper, published monthly by and for the students of Tri-State College, had its origin in December, 1946.

The policy of the Tri-Angle is to inform the student body of the activities and progress of the societies, fraternities, and administrative program of Tri-State College.

It is one of the youngest and most popular organizations on the campus.

Each term gold keys are awarded to members who have done outstanding work on the Tri-Angle staff.



TRI-ANGLE AT WORK (1):

Left to Right: Ralph Fox, William J. B. Ingham, Jr., Joseph A. Sowa, Paul D. Willcox, Samuel Yeager.

THE TRI-ANGLE
318 Seniors To Receive Degrees
ROBERT S. OVERMYER
Editor Tri-Angle

TRI-ANGLE AT WORK (2):

Left to Right: William Thourlby, Robert E. Springer, Robert S. Overmyer, Al Paddock.

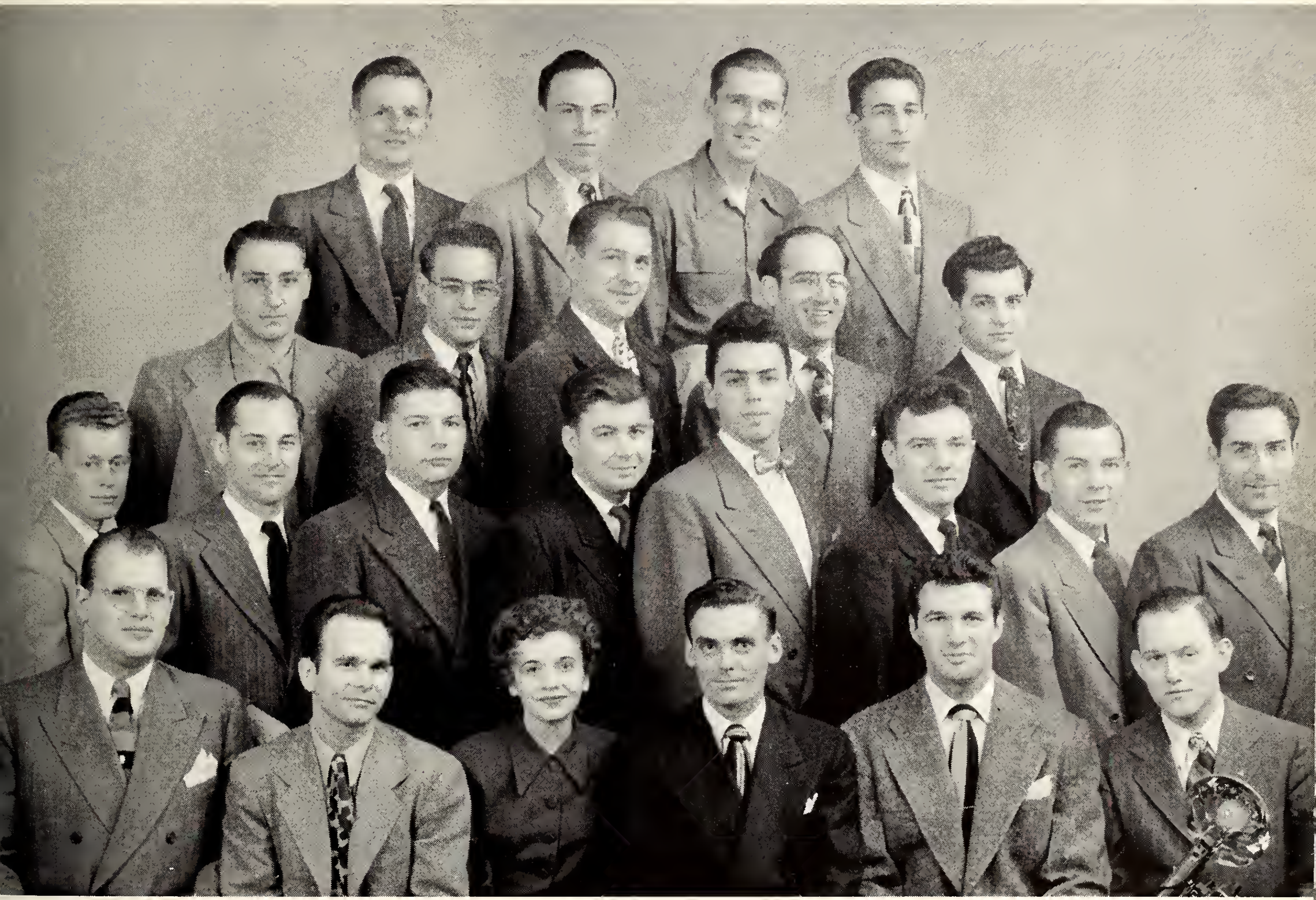
Tri-Angle Staff

TOP ROW:

Ray Urch, Raymond Corrigan, Al Paddock, Bill Teagno.

THIRD ROW:

Stanley Natowitz, Robert Henderson, Fred Schmidt, Joseph Chamness, Peter Bryan.



SECOND ROW:

Hugh Gunther, Norton Sutton, Richard Stout, John O'Hare, Tony Gucciardi, Donald Creedman, Scott McCurdy, Ralph Fox.

FRONT ROW:

Robert E. Springer, Joseph A. Sowa, Mari-Jean Chaddick, Robert S. Overmyer, William Thourlby, Paul D. Willcox.

BETA EPSILON
TK
ΒΦΘ
DELTA CHAPTER
ΦΚ
ALPHA GAMMA
ΦΙΑ
IOTA
ΦΣΑ
BETA OMICRON
ΦΣΧ
DELTA EPSILON CHAPTER
ΣΦΔ
KAPPA
ΣΜΣ
ALPHA

FRATERNITIES

Inter-Fraternity

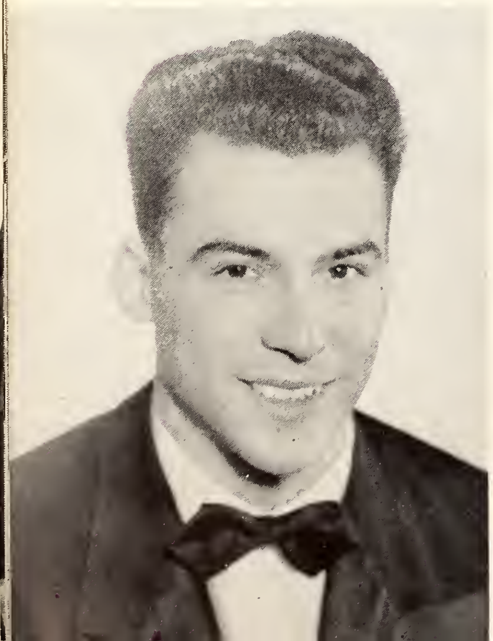
Historically our organization, the Inter-Fraternity Council, has been active since December 8, 1935. Membership consists of the four major officers plus two representatives from each fraternity recognized by the college. These men represent their respective fraternities on matters of policy, government and Fraternal social life. Worthiness of their laurels is evident by the ever successful

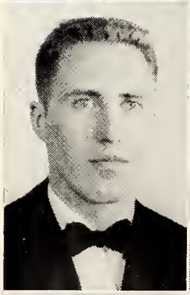
ALBERT OLSEN
President

WILLIAM ANEZ
Phi Iota Alpha

RAYMOND G. CORRIGAN
Alpha Sigma Phi

VINCENT SACCO
Vice President





JAMES R. GERHART, II
Tau Kappa Epsilon

GEORGE W. HARTLEY
Sigma Phi Delta

ROBERT KELEMEN
Sigma Mu Sigma

BASIL KIO
Phi Sigma Chi

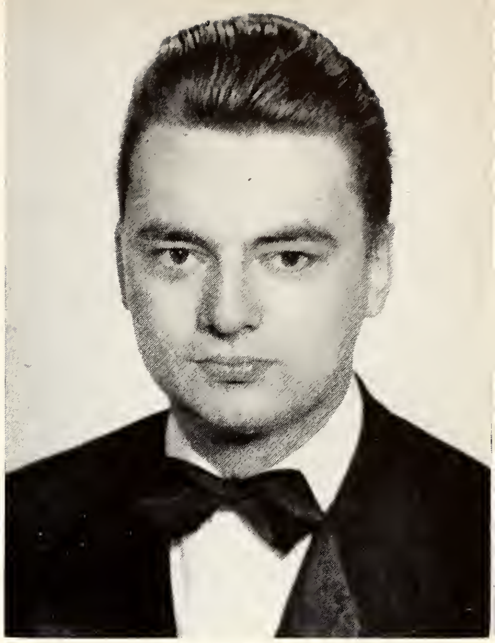
ART LEACH
Sigma Mu Sigma

SALVATORE LEO
Phi Kappa

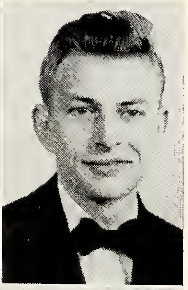
Council

Smoker Week — and the Never-to-be-Forgotten Semi-Annual Round Robin.

It is our wish that the efforts put forth by these representatives may be perpetuated for all times — holding high the torch of fraternal life, and maintaining the ever-ascending position of responsibility of this — The Inter-Fraternity Council.

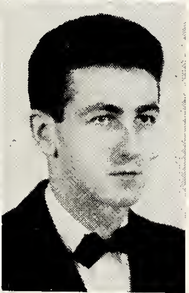


STAN RUTKA
Treasurer



ROBERT LYNCH
Phi Kappa

LLOYD MASTIN
Phi Sigma Chi



HECTOR MONTALVO
Phi Iota Alpha

WALTER MUZYCHENKO
Beta Phi Theta

ROLAND E. NICHT
Alpha Sigma Phi

OLIVER SMITH
Tau Kappa Epsilon

LOU SUMMERS
Sigma Phi Delta

RICHARD THULIN
Beta Phi Theta

DAVE CRISSMAN
Secretary

ALPHA SIGMA PHI OFFICERS

Left to Right: William E. King, *Secretary;* Douglas Dofflemyer, *Vice President;* Harry Speake, *President;* Alex J. Schultz, *Treasurer.*

Alpha Sigma Phi

On April 10, 1925, a charter was granted to the fraternity to be known thenceforth as Phi Lambda Tau. Four years later, Phi Lambda Tau having grown apace with the leading fraternal organizations on the campus decided to merge with the national fraternity, Alpha Delta Alpha. After the disbandment of the Alpha Delta Alpha in 1935, members petitioned the national executive officer of the Alpha Kappa Pi for a charter which was received in November of 1935. Alpha Kappa Pi prospered for the next eleven years and then on September 6, 1946, a consolidation was effected with another great national fraternity, Alpha Sigma Phi.

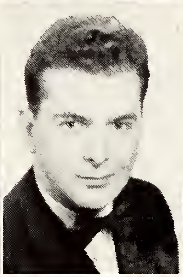
Standing for charity, culture, loyalty, patriotism and perpetual friendship, members face a future made bright by the fire of personal development which has always been kindled within the walls of Alpha Sigma Phi.

Madeline Sullivan, Sweetheart of Alpha Sigma Phi

JOHN ACKER
"Cracker"

GERARD B. ANTON
"Jerry"

DONALD BADDERS
"Don"



LEE D. BROWN
"Brownie"

JOSEPH D. CASILIO
"Joe"

HERBERT K. CHOY
"Choo Choo"

RAYMOND C. CORRIGAN
"Ray"

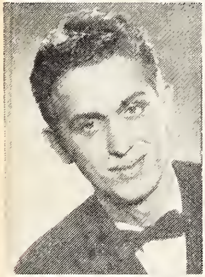
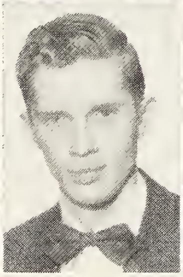
DOUGLAS DOFFLEMEYER
"Doff"

HARRY M. EXLEY
"Harry"

WILLIAM S. FORBRIGER
"Flush"

JOHN GAFFIN
"John"

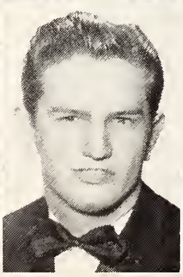
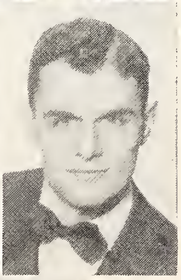
KEITH GREEN
"String Bean"

WALTER N. HARRIS
"Wally"

WILBUR B. HATHAWAY
"Bill"

RONALD HILL
"Bunker"

DONALD J. HOLWERDA
"Jack"

MATT N. HUMMEL
"Matt"

WILLIAM R. JOHNSON
"Bill"

GURNAL D. JOPSON
"Duke"

CHARLES F. KATLUN
"Snuffy"

CLARENCE H. KETCHUM
"Ketch"

MYRON L. KING
"Mike"

WILLIAM E. KING
"Bill"

WILLIAM F. KREIGH
"Shakey"

DAVID M. MARTIN
"Dave"

WALLACE J. McNAMARA
"Mac"

JAMES R. MILLER
"Jim"

ROLAND E. NICHT
"Nicht"

MICHAEL A. PETRANTO
"Mike"

MANUEL ROY
"Hoo Hoo"

DENNIS W. ROCHE
"Denny"

ASHLEY T. ROUSE
"Ash"

ALEX J. SCHULTZ
"Rosebud"

JOHN C. SHARP
"Sharpie"

LOREN E. SLAYBAUGH
"Snowball"

DONALD C. SPAULDING
"Tex"

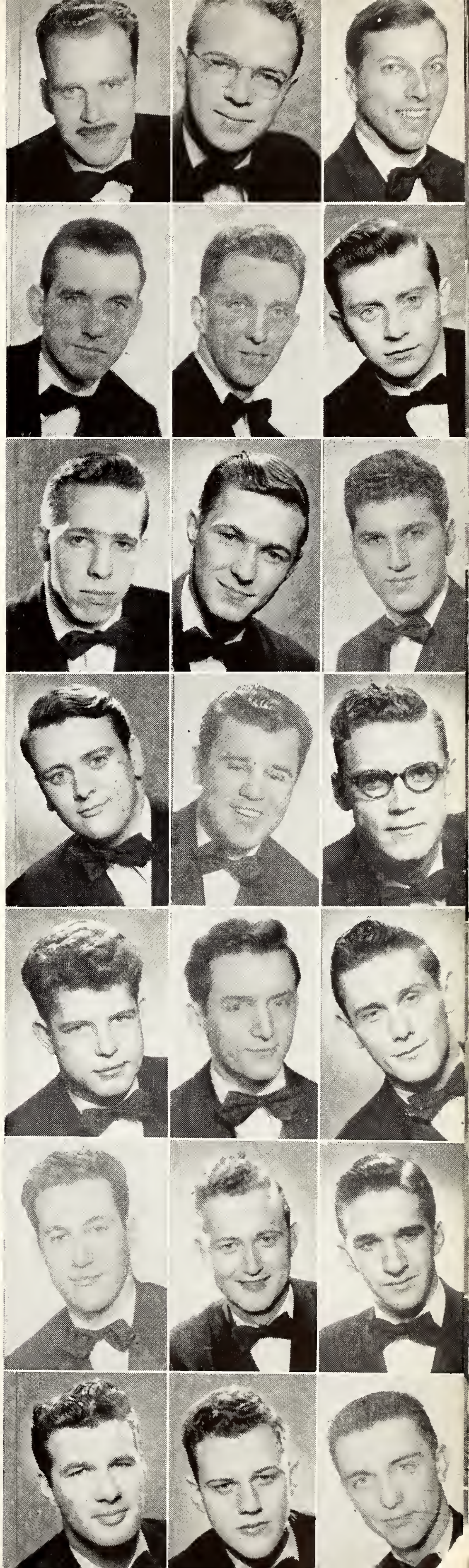
HARRY M. SPEAKE
"Dixiecrat"

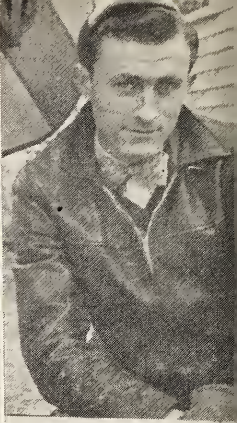
WILLIAM THOMAS
"Cornflake"

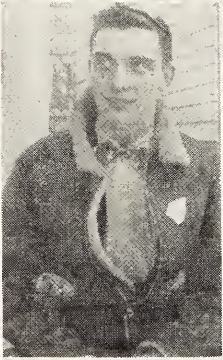
WILLIAM L. THOURLBY
"Squire"

CHARLES B. WILCOX
"Chuck"

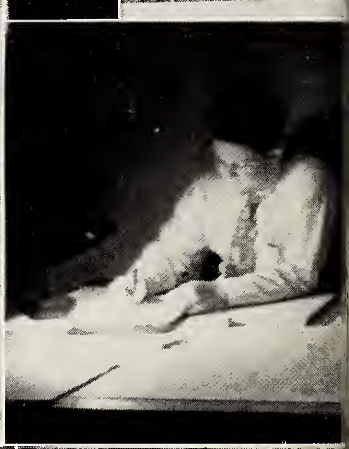
CHARLES G. WOLFE
"Chuck"

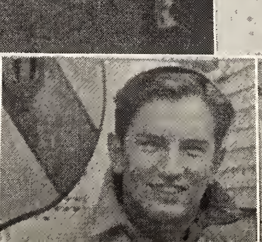






2 BLOCKS
TRI-STATE COLLEGE
SOUTH





BETA PHI THETA OFFICERS

ROBERT O. MEADOR
President

LEE PIERCE
Vice President

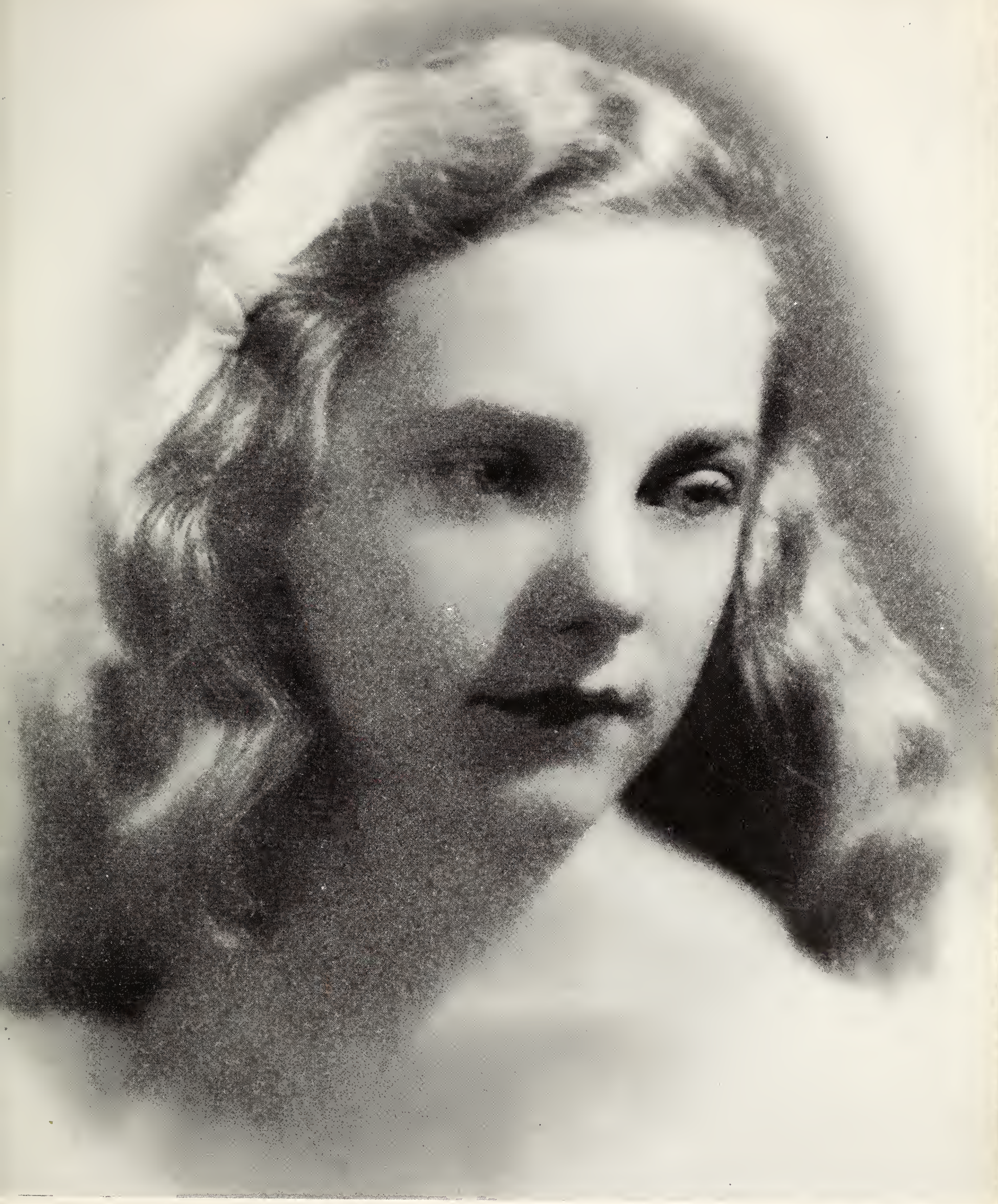
DAVID R. HOSLER
Secretary

LEWIS C. WALKER
Treasurer

Beta Phi Theta

In 1922 a group of men organized "The Four Eleven Gang" to promote good fellowship. To give other students a chance to enjoy this relationship they decided to expand and it was at this time Lambda Phi Epsilon was born. The membership of this fraternity grew and, recognizing one of the great needs of the student, opened the first fraternity house on Tri-State Campus in 1925. Then in 1929, the Lambda Phi Epsilon became the Delta Chapter of Beta Phi Theta.

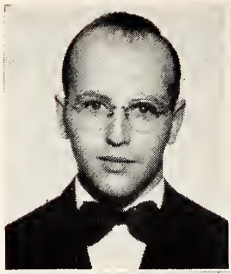
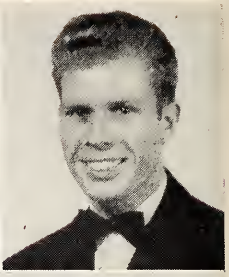
Beta Phi Theta is proud of its members who are graduating this term. For those of us who remain, there is a tradition and reputation to uphold. We of the Delta Chapter pledge ourselves to carry on in a manner worthy of our heritage.



Peggy Ann Nix, Sweetheart of Beta Phi Theta

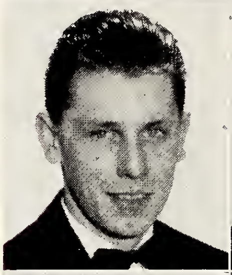
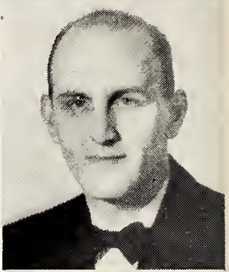
EDWIN ASHTON
"Eddie"

NELSON T. BATEMAN, Jr.
"Curley"

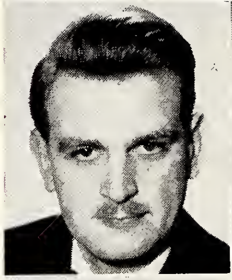
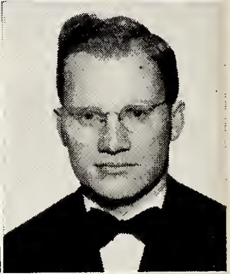
EARL D. BENZAL
"Lover Boy"

JAMES CAULLER
"Zeke"

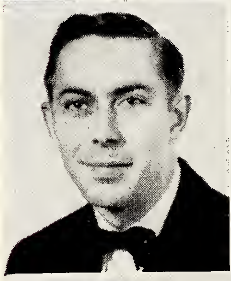
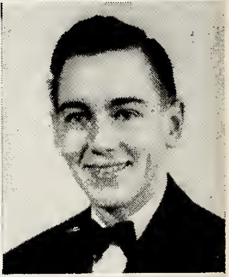
CHARLES J. COOK
"Chuck"

IVAN REED DAMON
"Reed"

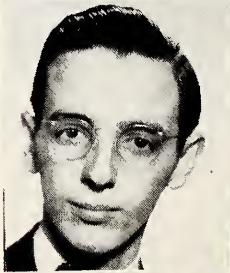
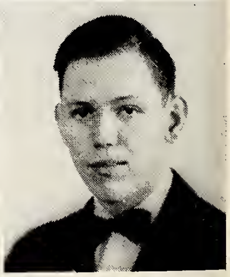
RALPH L. DILLIN
"Ralph"

CHARLES E. ENGLISH, Jr.
"Gene"

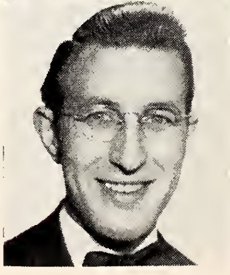
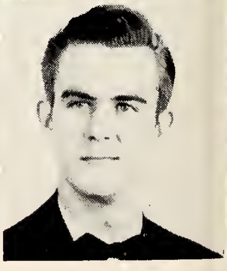
WILLIAM J. HAWRYLUK
"Bill"

DAVID R. HOSLER
"Dave"

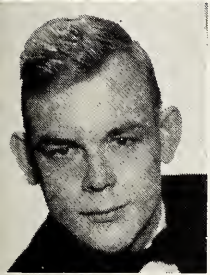
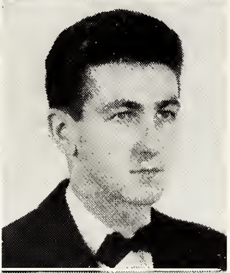
WARD V. JENSEN
"Ward"

HARRY WM. JOCKERS, Jr.
"Bill"

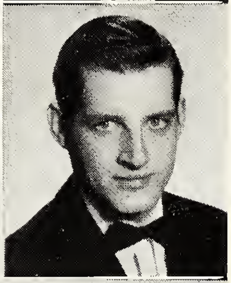
EUGENE F. MASON
"Mason"

ROBERT O. MEADOR
"Keg"

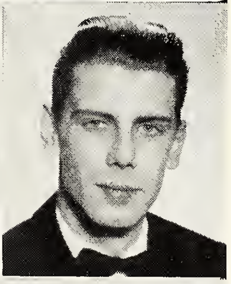
WILLIAM T. MILLER
"Bill"

WALTER MUZYCHENKO
"Muzzy"



ALBERT R. OLSON
"Oley"

LEE PIERCE
"Lee"



MARION L. SHEPARD
"Shep"

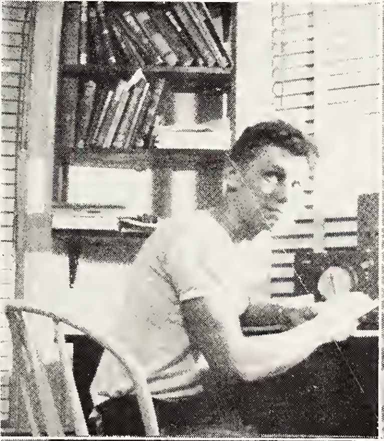
MAURICE E. STANWICK
"Stan"

RICHARD THULIN
"Dick"

LEWIS C. WALKER
"Lew"

JOSEPH R. WEBER
"Joe"

DARLING
GALE ST

LEST WE FORGET


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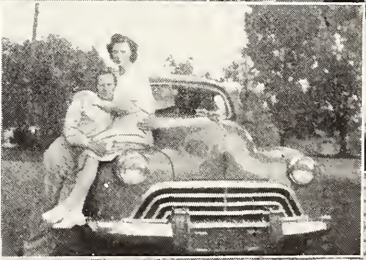
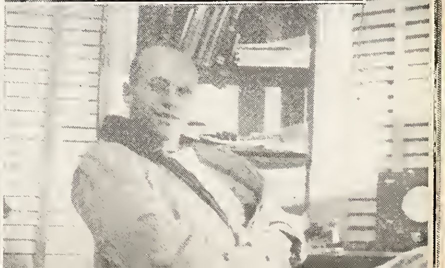



Autographs

PHI IOTA ALPHA OFFICERS

FIRST ROW:
Carlos Velasquez, *Vice President;* Federico Vegas, *President;* Jose Velasquez, *Secretary.*

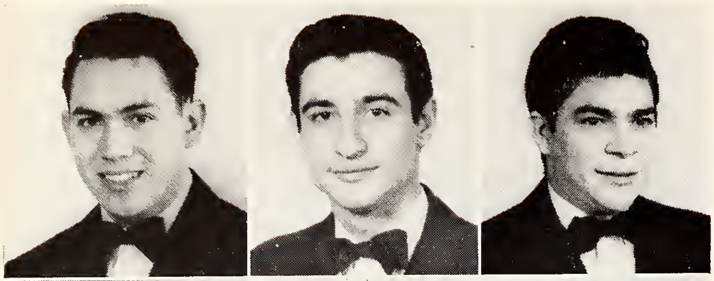
BACK ROW:
Roberto Rosania, *Treasurer;* Rafael Osio, *Historian.*

Phi Iota Alpha

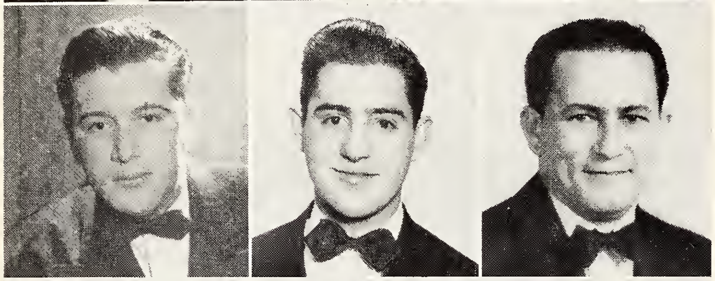
The origin of this organization dates back to 1921 when it started its activities as the Club Hispana-Americana composed totally of Spanish-American students attending Tri-State College. After six years of existence, it was registered under the laws of the State of Indiana as the Alpha Chapter of Gamma Eta Alpha fraternity.

An intensive movement begun by this organization culminated in fusion with the Phi Lambda Alpha fraternity as the Eta Chapter. On December 26, 1931 during our annual convention, the Phi Lambda Alpha merged with the Sigma Iota to form the present Phi Iota Alpha fraternity of which we are the Iota Chapter.

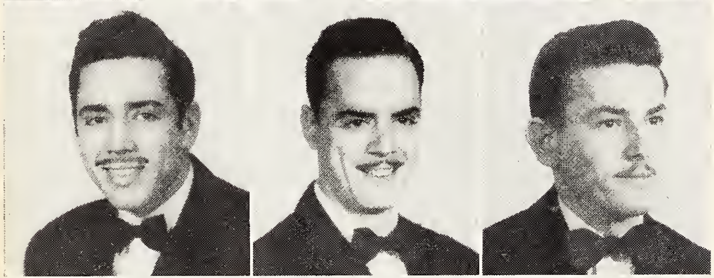
The aims are to foster a better sense of duty and study among the members and to create that Latin atmosphere which is an integral part of far-away homes of the members; constantly striving for that great ideal, the ultimate goal: "The political and economical union of all Latin-American countries."



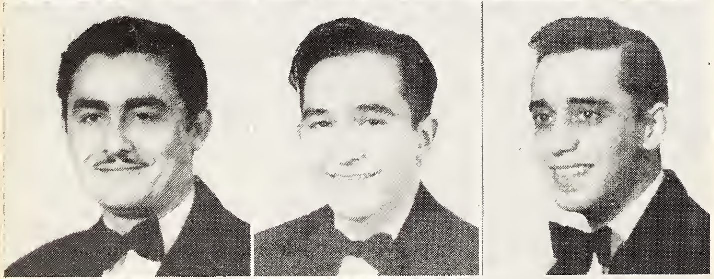
WILLIAM ANEZ	*"Primito"*
ROBERTO L. AROCHO	*"Tin-Tan"*
SADI BACO	*"New Jersey"*



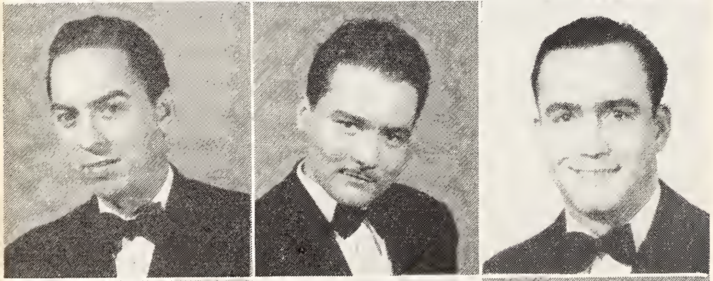
ANDRES BERMUDEZ	*"Andy"*
RAFAEL DE LOS RIOS	*"Cisco"*
HERMINIO DIAZ	*"Viejito"*



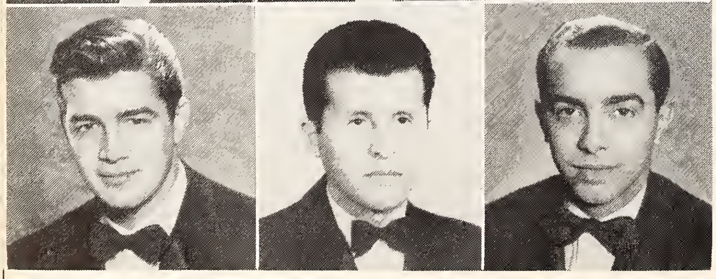
TOMAS HERNANDEZ	*"Tommy"*
IGNACIO LANDA	*"Inaki"*
HUMBERTO MALDONADO	*"Tim McCoy"*



FERNANDO H. MONTALVO	*"Junior"*
RAFAEL OSIO	*"Colombia"*
PASCUAL R. ROSANIA	*"Panama"*

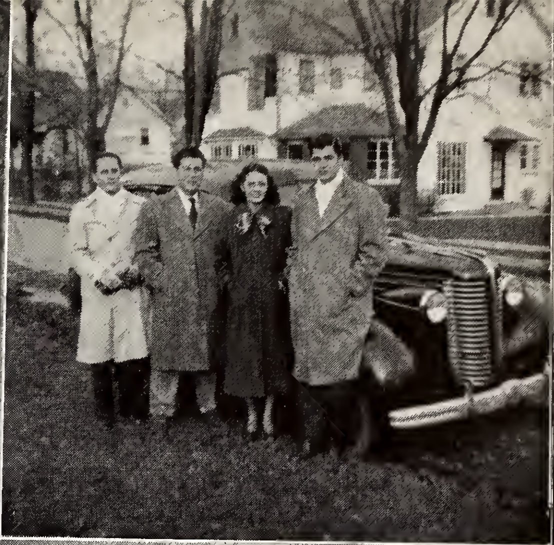


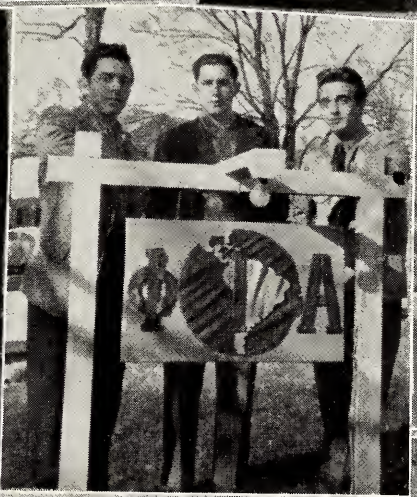
CARLOS SOEGAARD	*"Loiza"*
JOSE SOSA	*"La Gorda"*
ANGEL TORRES	*"Mancha"*



FREDERICO L. VEGAS	*"El Galan"*
CARLOS VELASQUEZ	*"Peru"*
JOSE A. VELASQUEZ	*"Choferito"*

Olga Maldonado, Sweetheart of Phi Iota Alpha



PHI IOTA ALPHA
IOTA

ΦIA

PHI IOTA ALPHA
IOTA
STATE

Mickey Greuling, Sweetheart of Phi Kappa

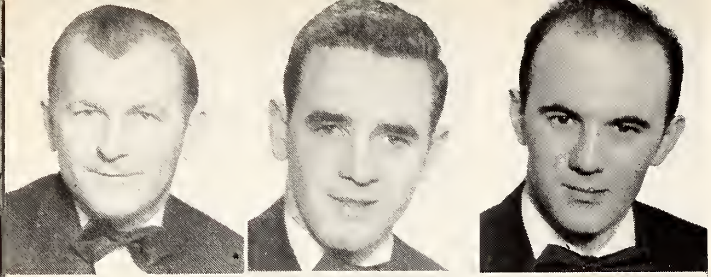
Phi Kappa

The Alpha Gamma Chapter of Phi Kappa is the fruit of the toil undertaken by the members of the organization once known as Alpha Gamma Omega. In May of 1943 a charter was sought of the Phi Kappa National Catholic Fraternity, and on January 24, 1944 the Alpha Gamma Omega Fraternity was initiated into Phi Kappa, as the twenty-seventh chapter.

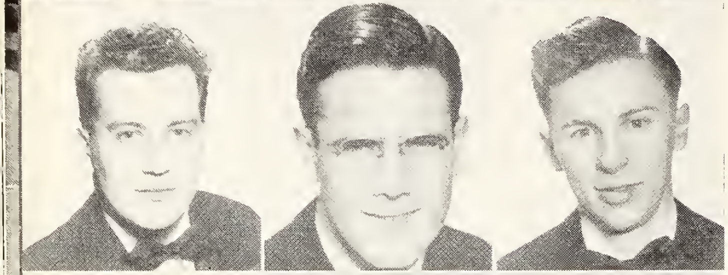
Among its many achievements in Phi Kappa this chapter has endeavored to maintain its high scholastic standards sets by its predecessors, as well as to enter into all inter-fraternity activities. Its main purpose on the Tri-State campus is to aid each member in bettering his efforts in learning; in developing a sense of responsibility and of loyalty; in instilling a fervent desire to contemplate creatively and to act constructively on each endeavor of the organization.

PHI KAPPA OFFICERS

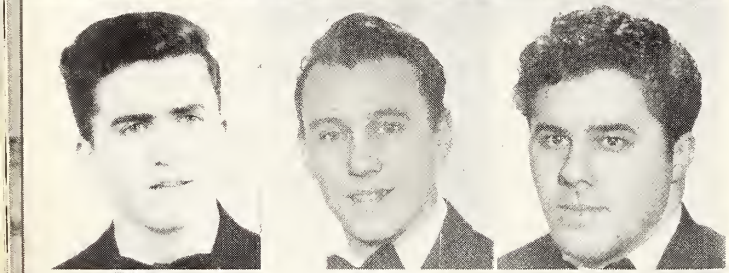
Left to Right: Daniel F. Kelleher, *Treasurer;* George E. Muller, *President;* William H. Andolsek, *Vice President;* Vincent Sacco, *Secretary.*



STANLEY A. ABRAMOWICZ	*"Red"*
WILLIAM H. ANDOLSEK	*"Bill"*
THADDEUS J. BARONOWSKI	*"Baron"*

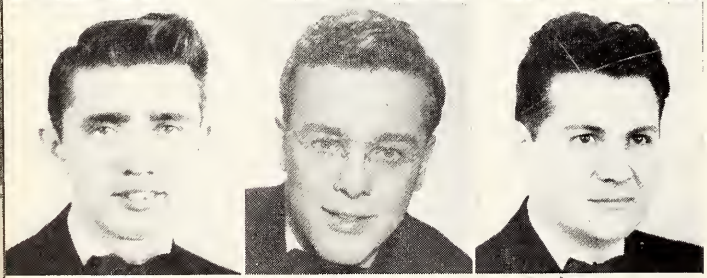


EDMUND M. CLAUSE	*"Ed"*
THOMAS R. CONNELLY	*"Tom"*
CHARLES L. CORMIER	*"Chaz"*

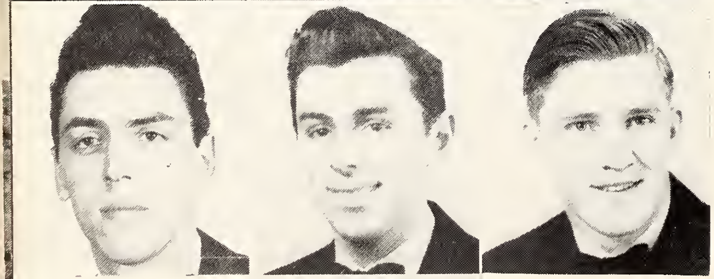


EUGENE T. CRONIN	*"Rock"*
CAMIEL DE KEGELAER	*"Camel"*
CARMINE DeSPIRITO	*"Blackie"*

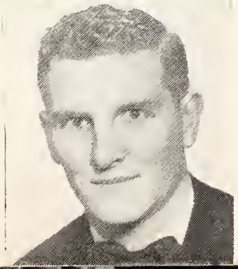
JOHN J. DZICK	*"Johnnie"*
HERMAN C. ERBACHER	*"Herm"*
FREDERICK J. EVERETT	*"Shakespeare"*



RICHARD J. FRANTZ	*"Dick"*
JAMES E. GAFFNEY	*"Jim"*
EDWARD C. GREULING	*"Ed"*

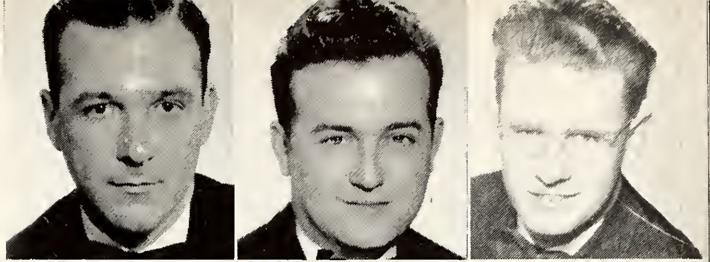


ANTHONY S. GUCCIARDI	*"Tony"*
RICHARD GUCCIARDI	*"Dick"*
LADISLAUS W. HANZEL	*"Whitey"*

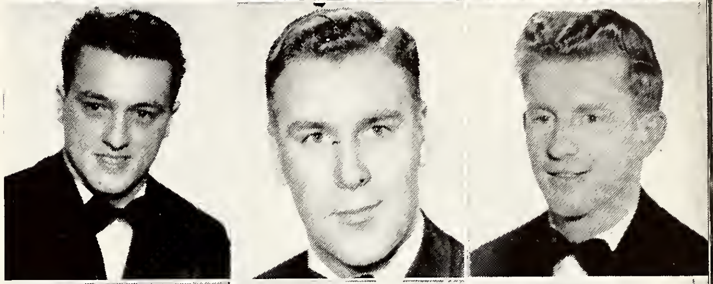


JOHN W. HAUSMAN	*"Bill"*

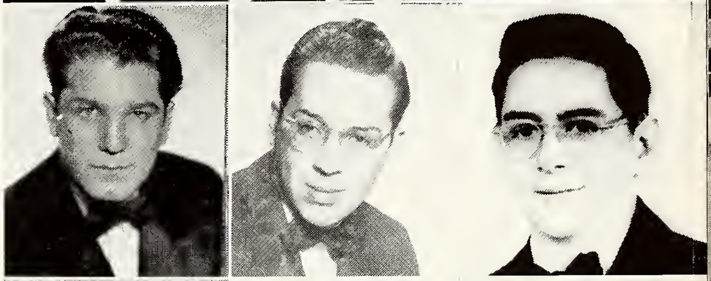
DANIEL F. KELLEHER .... *"Lover"*
EDWARD J. KOLASINSKI .... *"Joisey"*
HUBERT M. KORBUS .... *"Bert, Slitz"*



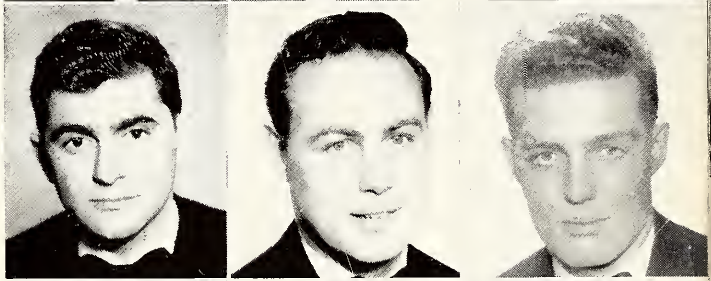
SALVATORE S. LEO .... *"Wheels"*
FRED J. LEYDECKER .... *"Satch"*
ROBERT E. LYNCH .... *"Red"*



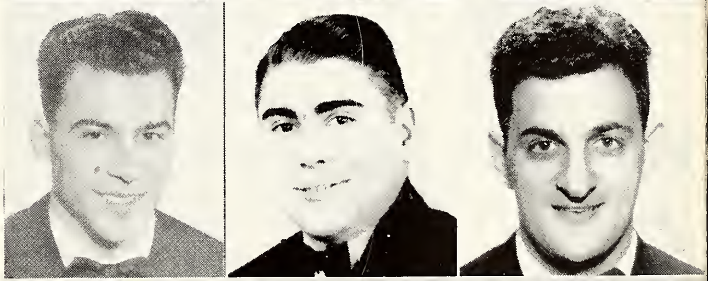
VICTOR F. MAINENTE .... *"Vic"*
CARLOS MARTINEZ .... *"Chuck"*
DONALD C. MAYER .... *"Metro"*



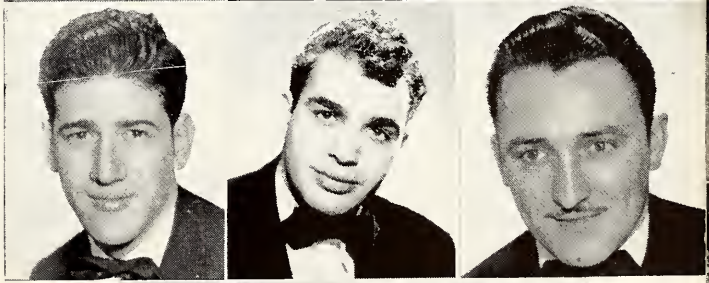
PAUL J. MIANO .... *"Scoop"*
GEORGE E. MULLER .... *"Whale"*
ROBERT C. OLSON .... *"Ole"*



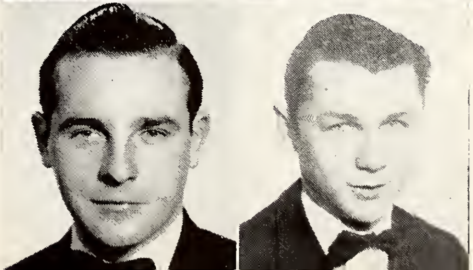
VINCENT SACCO .... *"Jimmie"*
KENNETH M. SCEPER .... *"Ken"*
TONY P. THOMAS .... *"Michigan City"*



JOSEPH TRIMARCHI .... *"Trim"*
SILVIO VENTURI .... *"Sil"*
RICHARD WALTER .... *"Walt"*



RICHARD WEISBECK .... *"Dick"*
WALTER H. WINSKY .... *"Fish Head"*



KEE
OFF
WELCOME PHI KAPPA ALUMNI
2nd ANNUAL REUNION - AUG 20th, 21st & 22nd

Mamm
reig!!

Sigma Mu Sigma

Alpha Chapter of Sigma Mu Sigma was founded in 1921 by a group of Master Masons and received its charter from the State of Indiana in 1924.

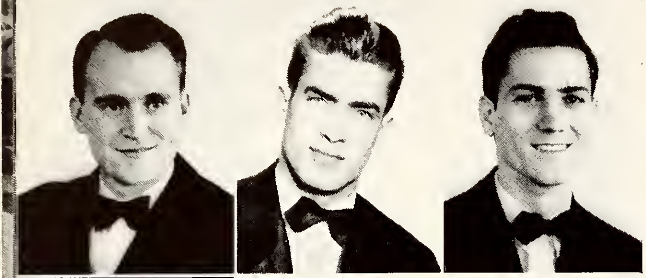
The ideals and the characters of the founders of this fraternity were of the highest quality; the wisdom and sincerity imbued in this fraternal body by these men has burned a traditional flame in the hearts of all brothers. Definite leadership in all fields has been shown in the years gone by and will continue in the future, as long as our neophytes are taught the high moral, traditional, and brotherly standards, perpetuated by the original leaders of Sigma Mu Sigma.

Even with the most valiant efforts of the loyal members, the national crisis of the 1930's forced this fraternity to become inactive. It was reactivated in 1940 through the efforts of the alumni.

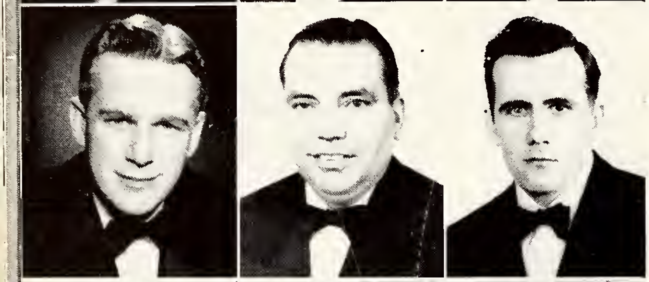
SIGMA MU SIGMA OFFICERS

Left to Right: David B. Crissman, Jr., *Treasurer;* William E. Smith, *President;* John E. Pickel, *Secretary;* William Bliss, *Vice President.*

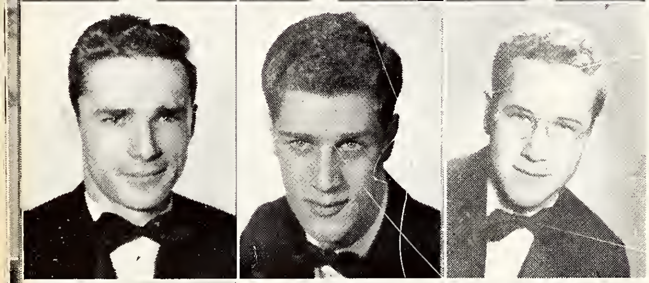
Dorcas Ann Greim, Sweetheart of Sigma Mu Sigma



ERIC ANDERSON	"Eric"
HARLAN BARTROM	"Bart"
ARTHUR BIANCO	"Art"

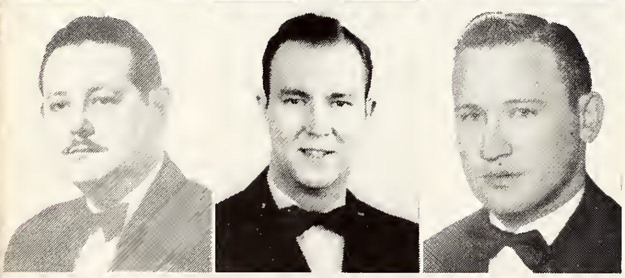


WILLIAM BLISS	"Bill"
ROY C. BODIE	
DAVID BROWN	"D.W."

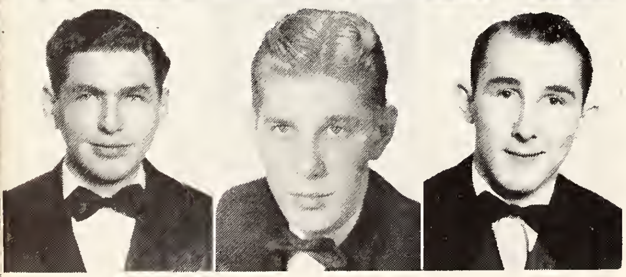


HOWARD F. BROWN	"Brownie"
DAVID B. CRISSMAN, JR.	"Cris"
JOSEPH J. DEAN	"Joe"

KENNETH R. DETTWEILER	"Kenny"
N. DAMLOS	
L. EUGENE EARLING	"Gene"

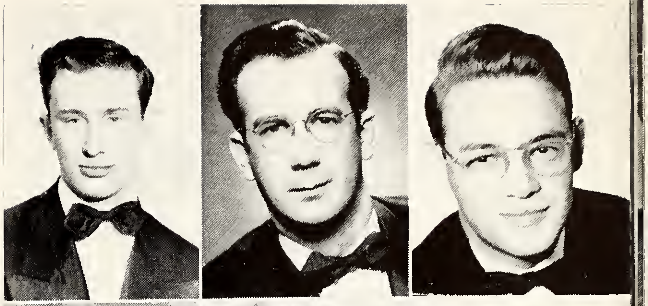


JOSE FONTANALS	"Joe"
JAMES P. FROMM	"Jim"
MAX GARL	"Max"



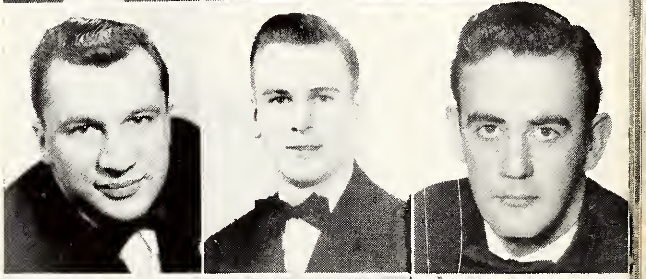
DEAN B. GEORGE	"Dean"
WILLIAM A. GETTIG	"Bill"
ROBERT GREIM	"Bob"

KENNETH HAINSWORTH .... *"Kenny"*
J. G. HEGNER .... *"Straight"*
ROBERT E. HENDERSON .... *"Bob"*

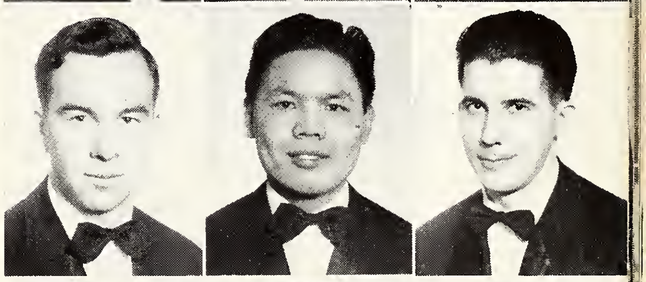


HAROLD HOOLIHAN
HOWARD HOOLIHAN
GEORGE KEELING .... *"Hector"*

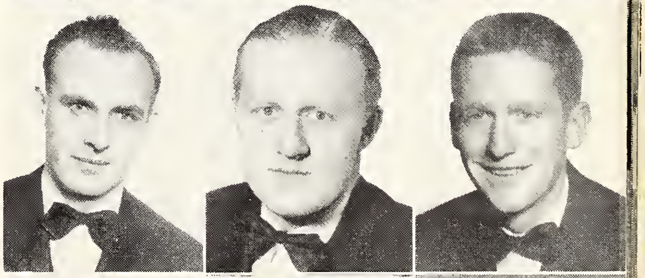
ROBERT J. KELEMEN .... *"Kelly"*
WILLIAM E. KRUEGER .... *"Bill"*
JAMES LAMBIE .... *"Jim"*



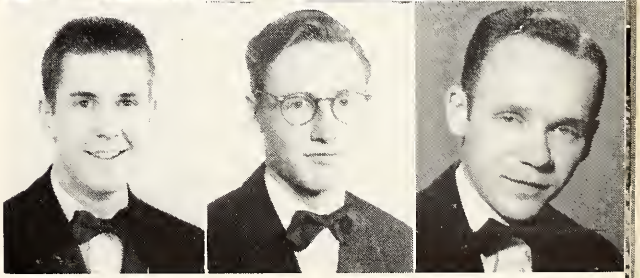
ARTHUR LEECH .... *"Art"*
SIDNEY LEE .... *"Sid"*
ROBERT McALLISTER .... *"Mac"*

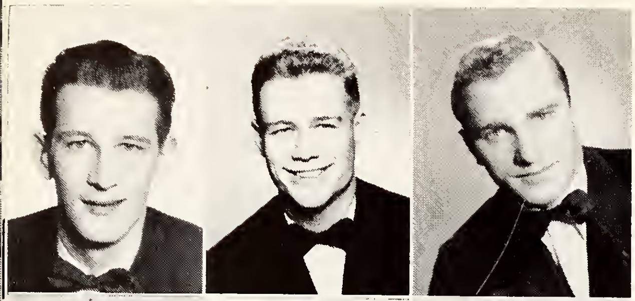


DARWIN MIXER .... *"Mix"*
PAT MONROE .... *"Pat"*
MARION MOORE .... *"Mickey"*

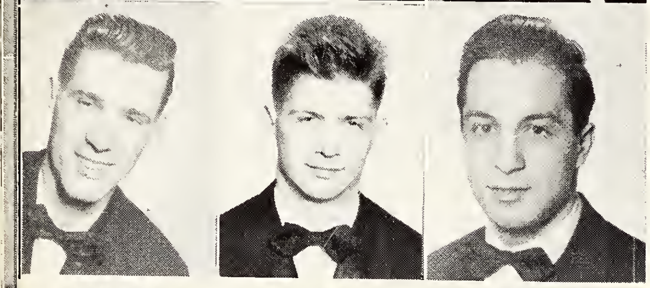


RICHARD MOULD .... *"Dick"*
LIONEL MOYES .... *"Red"*
ARTHUR PARK .... *"Art"*

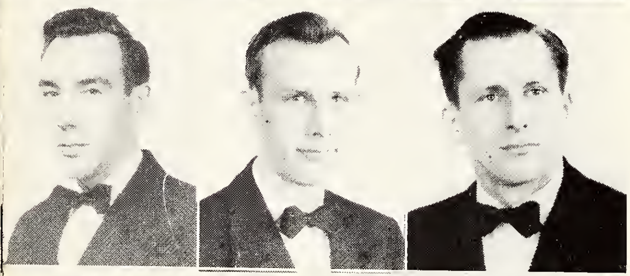




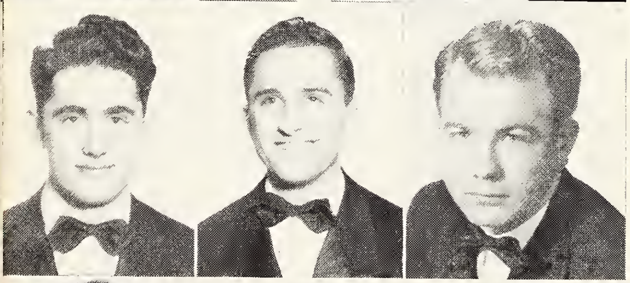
WILLIAM PASCOE	*"Bill"*
JOHN E. PICKEL	*"Jack"*
R. CHARLES REMUSAT	*"Chuck"*



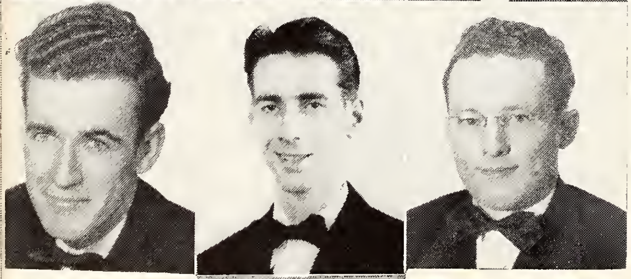
LAWRENCE SCHERTER	*"Larry"*
NORMAN SENSENBAUGH	*"Nora"*
JAMES SHAHEEN	*"Jim"*



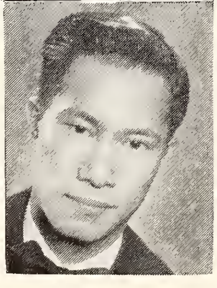
HOLLAND SHAW	*"Howie"*
ERNEST SIMMSEN	*"Ernie"*
DALE B. SMITH	*"Smitty"*



WILLIAM B. SMITH, III	*"Smitty"*
RICHARD STALF	*"Dick"*
EMORY C. SWOGGER	*"Vic"*



MERLE TIMMONS	*"Tim"*
RICHARD WARNER	*"Dick"*
JOHN WILLIAMS	*"Johnny"*



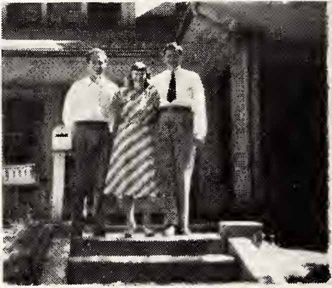
DAVIS YEE	*"Dave"*

NOT IN PICTURE

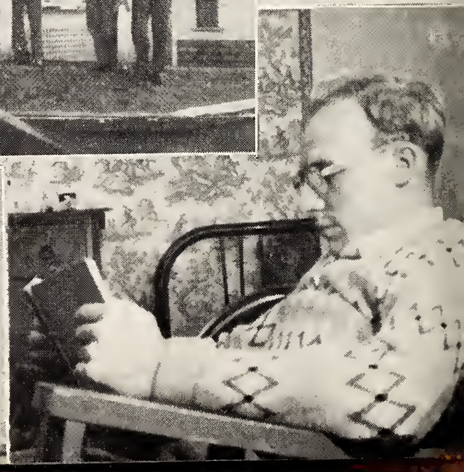
JAMES BESEMER	*"Jim"*
WILLIAM E. SMITH	*"Snuffy"*
RICHARD P. GREIM	*"Dick"*
THOMAS TAMASHIRO	*"Tommy"*

Autographs

ΣΜΣ



BUFFALO BILLS
BAND



ΣΜΣ

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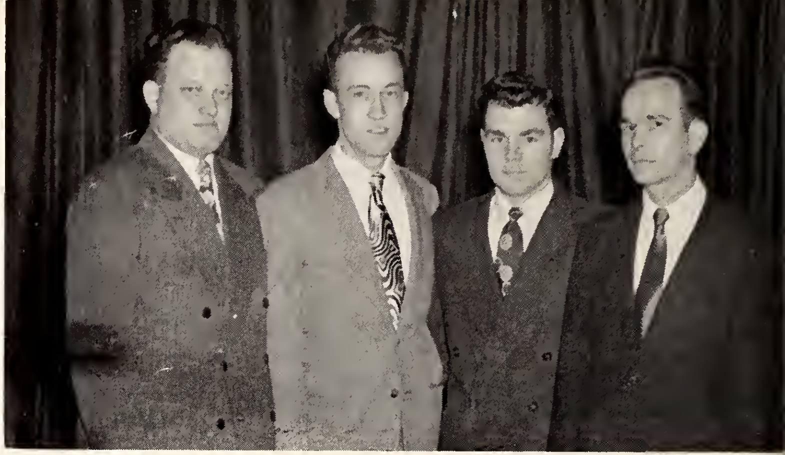


PHI SIGMA CHI OFFICERS

LEFT TO RIGHT: Clyde J. Underwood, *Treasurer;* Marvin E. Groll, *President;* Richard Clevenger, *Vice President;* Joseph A. Sowa, *Secretary.*

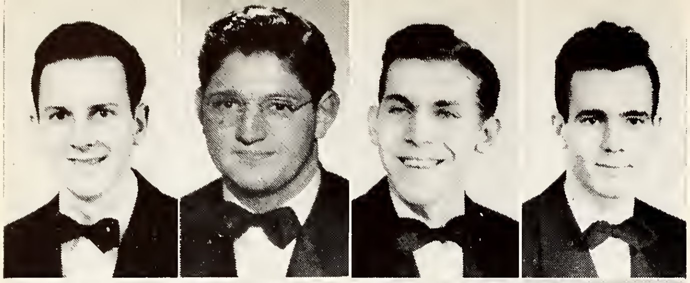
Phi Sigma Chi

The Delta Epsilon Chapter which represents Phi Sigma Chi on Tri-State's Campus, was taken into the fold of the national organization in the fall of 1927.

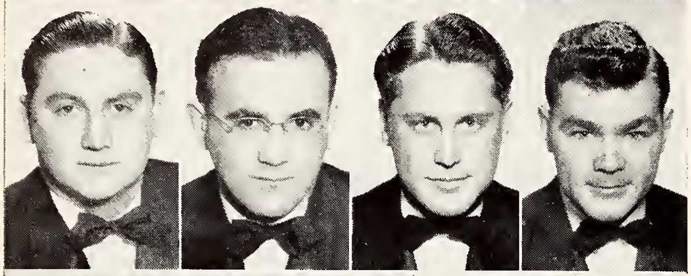
Our Fraternity, which in correct terminology, is a social fraternity, opens its doors to anyone who is willing to live up to the principles and traditions set up by our glorious past. Friendship and brotherhood, instilled into the characters of our members has swelled the chests of each and everyone who has called themselves a "Phi Sig." It is with great pride and pleasure that we can be associated with such a splendid group of organizations.

To the men who are leaving through our doors for the last time as students and entering the world fortified by the experience and lessons obtained here at Tri-State College, we wish you happiness and a great future.

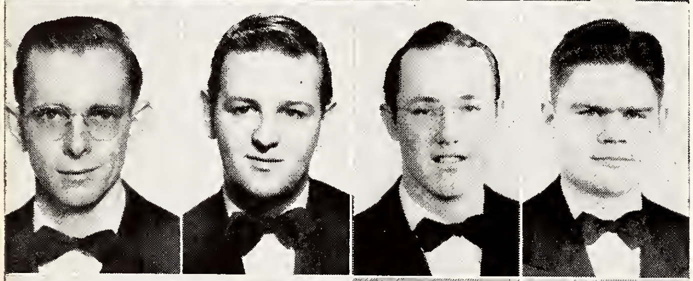
Susan Peterson, Sweetheart of Phi Sigma Chi



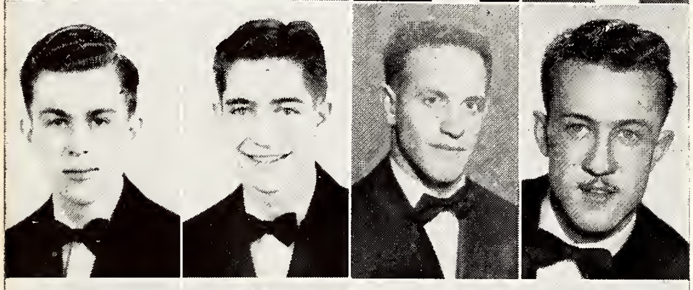
RICHARD BERGER	*"Dick"*
ROBERT BEUTLER	*"Bob"*
GEORGE BILLMAN	*"George"*
GEORGE BOOTHROYD	*"George"*



EDWARD BUCKLEY	*"Buck"*
JOHN CALICCHIA	*"Click"*
EUGENE CHOKEY	*"Doc"*
RICHARD CLEVENGER	*"Dick"*

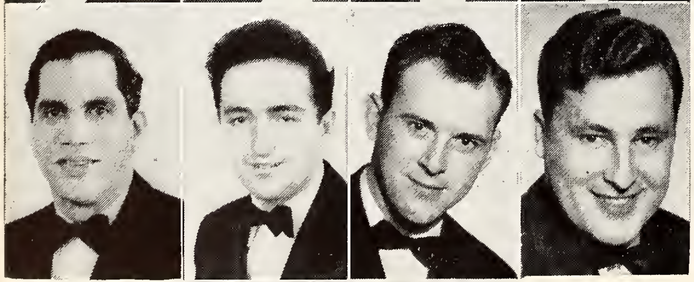


WALTER CONNELL	*"Walt"*
KENNETH CURWIN	*"Ken"*
MARION DANNING	*"Hank"*
CHARLES DAVIS	*"Chuck"*

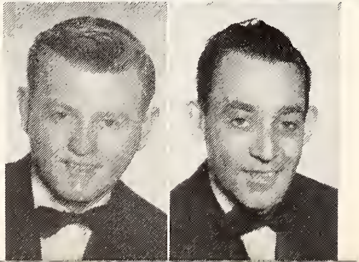


CARL FELMY	*"Carl"*
ROBERT FLATTER	*"Bob"*
S. N. GLASSO	*"Red"*
MARVIN E. GROLL	*"Dint"*

WILLIAM B. HABER	*"Willie"*
MELVIN HAVILL	*"Mel"*
JAMES HENLEY	*"Jim"*
ANDREW HILL, JR.	*"Andy"*

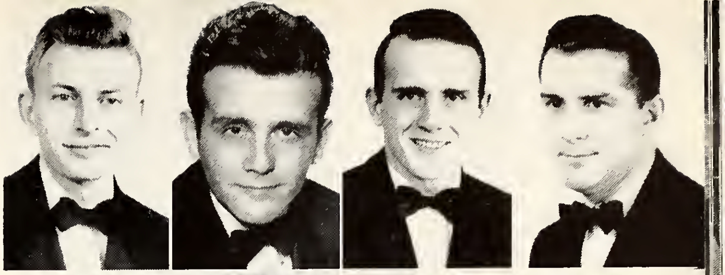


NORMAN JULIAN	*"Norm"*
EDWARD KASHORK	*"Ed"*
BASIL KIO	*"Bones"*
FRANK KRASINSKI	*"Frank"*

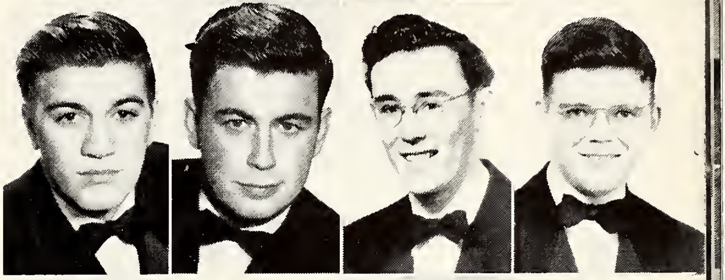


JOHN LARSON	*"Jack"*
EDWARD MARRAH	*"Jack"*

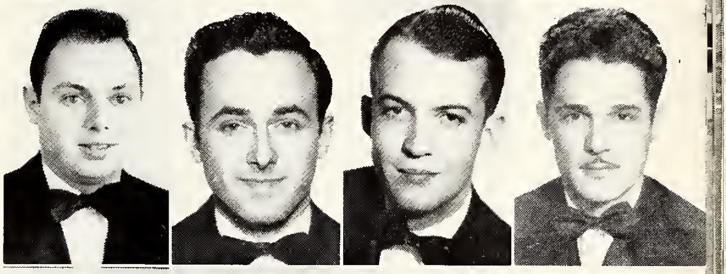
LLOYD MASTIN	"Chief"
ROBERT MEGARGLE	"Bob"
THOMAS MEGARGLE	"Thom"
RUSSELL NICOLES	"Nic"



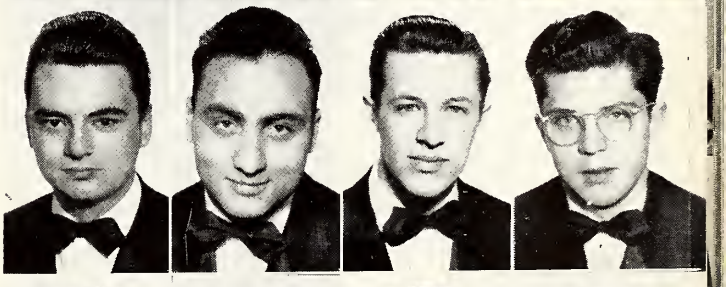
ELMO NOVELLI	"Luigi"
JOHN O'HARE	"Dike"
ROBERT PARKER	"Bob"
GUS A. PETERSON	"Gus"



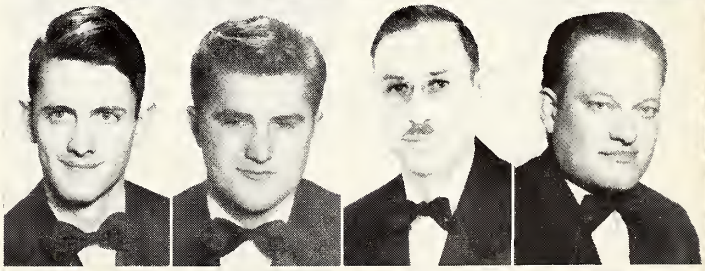
R. K. PETERSON	"Pete"
ALFRED PICONE	"Al"
GEORGE PLACIER	"Freddie"
ROBERT RUBY	"Saxxy"



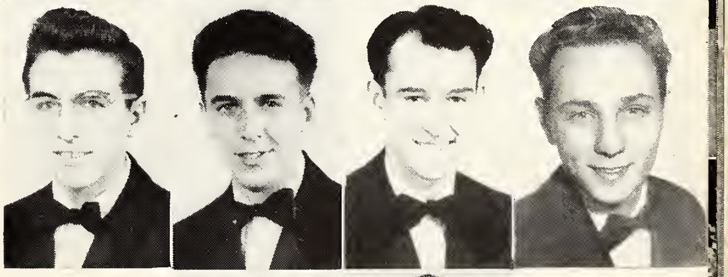
STANLEY RUTKA	"Stan"
JOHN SACCARECCIA	"John"
ANDREW SHAFER	"Andy"
SCHUYLER SMITH	"Scott"



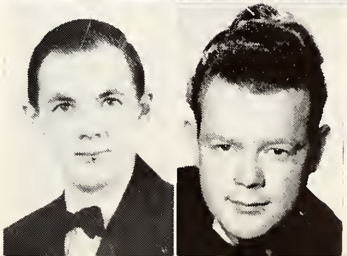
ROBERT STRATIFF	"Bob"
CAS STRELINSKI	"The Throat"
CLARK SWICK	"Clark"
CLYDE UNDERWOOD	"C. J."

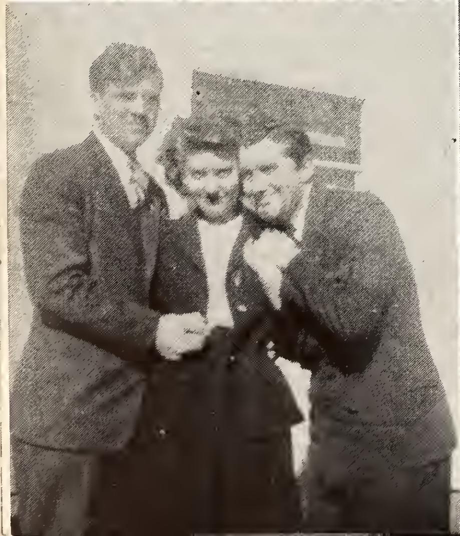


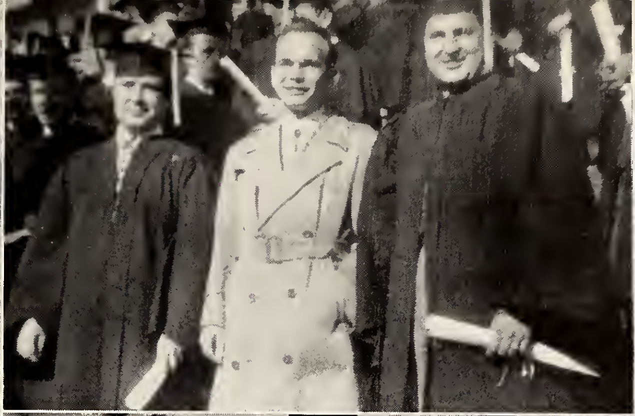
ANTHONY VASSALLO	"Tony"
JOHN B. VASSALLO	"John"
RICHARD WEAVER	"Dick"
MARVIN WEBER	"Mac"



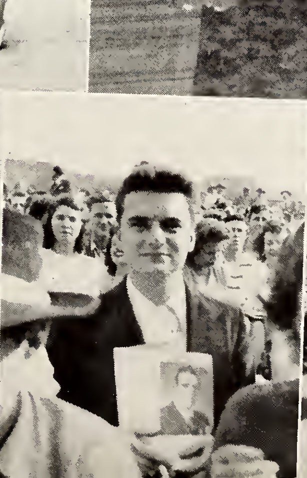
BILL WHEAT	"B. J."
JOSEPH WILMER	"Joe"







AMICITIA E FRATERNITAS



Sigma Phi Delta

Through the efforts of Professor Leroy Horpedahl, Kappa Chapter of Sigma Phi Delta received its charter in May of 1947. The membership is open to any student registered in Engineering and maintaining an average required by the college.

Sigma Phi Delta is an International Social Fraternity of Engineers. It has as its object the promotion and advancement of the Engineering Profession and Engineering Education the instilling of a great spirit of cooperation among Engineering Students and their Organizations; the inculcation in its members of the highest ideals of manhood, good citizenship, obedience to law and brotherhood, and the encouragement of excellence in scholarship.

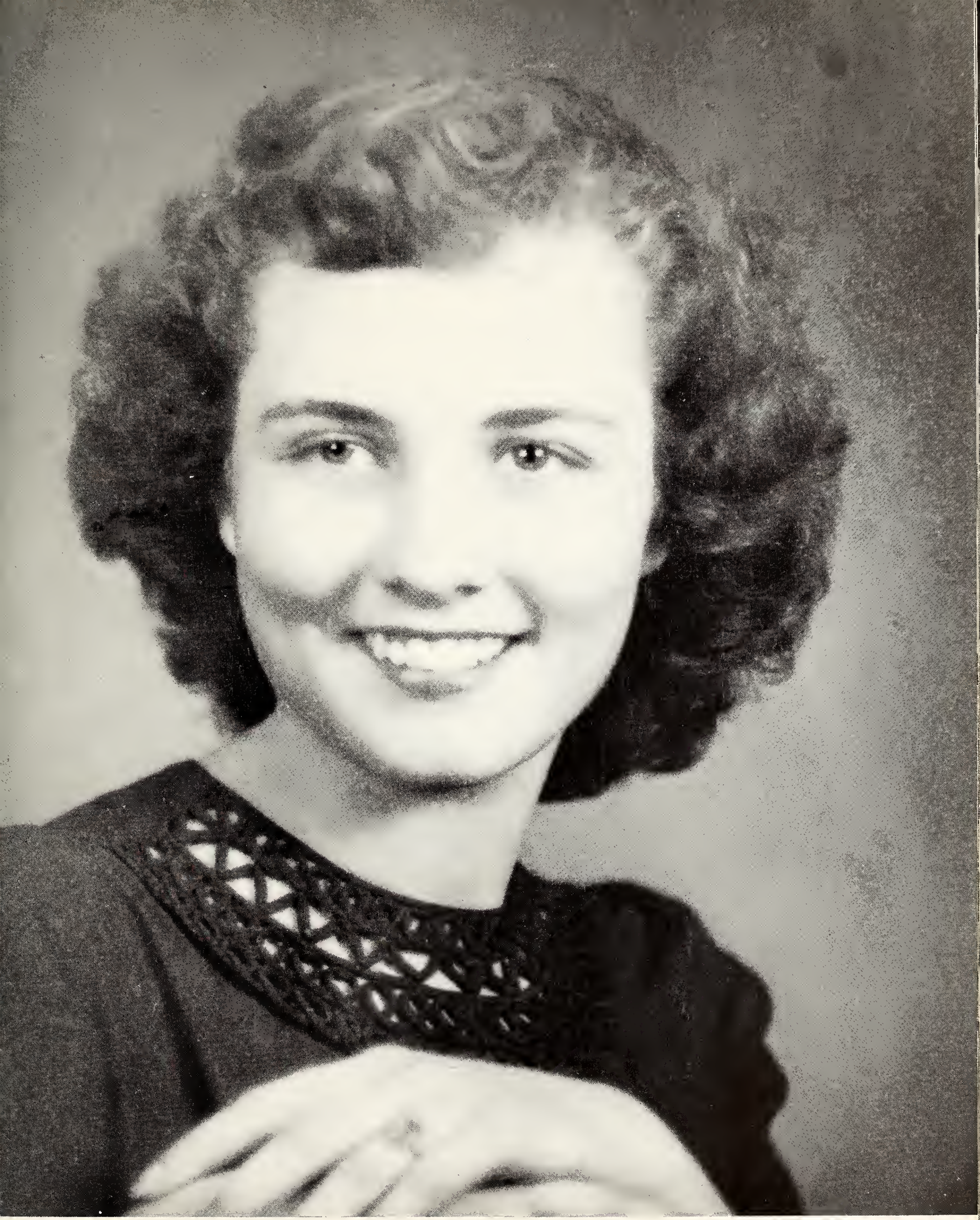
SIGMA PHI DELTA

First Row:

Albert J. Romeo, *president,* Paul Dnistran, *Vice President.*

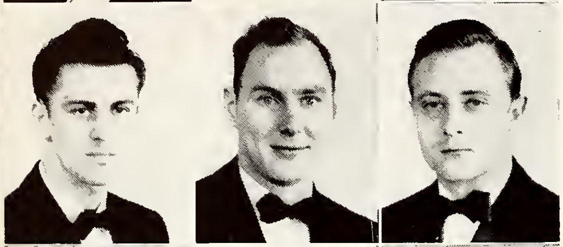
Back Row:

Millard Gladd, *Treasurer,* Edward B. Decker, *Secretary.*

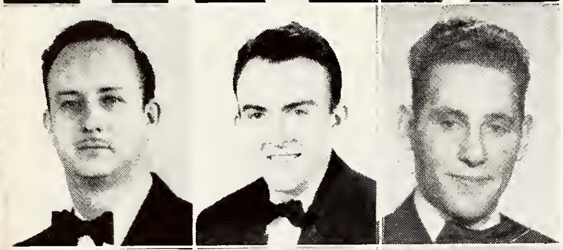


Gwen Bradley, Sweetheart of Sigma Phi Delta

PAUL ANKERMAN .... *"Paul"*
JOSEPH ASHMEAD .... *"Joe"*
JULIUS BAJEK .... *"Esquire"*

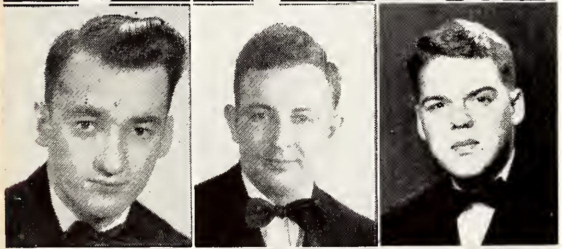


ROBERT BELL .... *"Canvas Back"*
CHARLES BONNER .... *"Charley"*
CHARLES BYHAM .... *"Chuck"*



BURTON CORWIN .... *"Lover Boy"*
EDWARD DECKER .... *"Shakey"*
RICHARD DESMOND .... *"Dick"*

PAUL DNISTRAN .... *"Pop"*
CHARLES FORD .... *"Charlie"*
MILLARD GLADD .... *"Hap"*



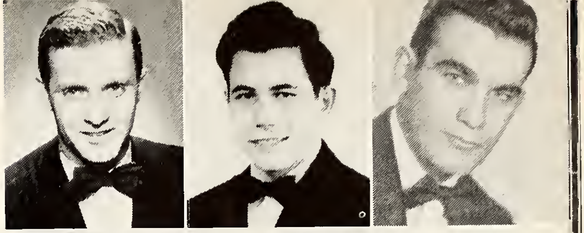
THEODORE GOOCH .... *"Abner"*
WALTER GRABER .... *"Walt"*
JOHN H. GUNNING .... *"Chocolate"*

GEORGE HARTLEY .... *"Rock"*
RALPH HASLETT .... *"Swede"*
CLARENCE W. JOHNSON .... *"Larry"*

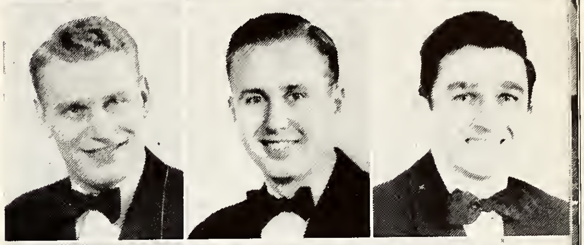
IVAN JOHNSON .... *"Skip"*
JOHN KECK .... *"Big John"*
THOMAS R. LAWSON .... *"Tom"*

MATHEW LOBAS .... *"Ugly"*
DENIS LOPEZ .... *"Denis"*
CHARLES McCLUNE .... *"Charley"*

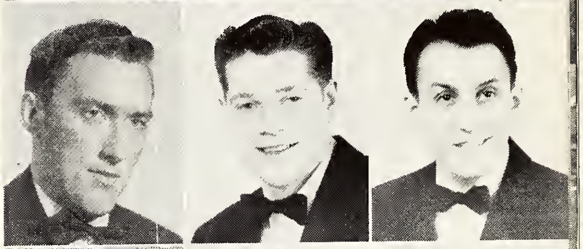
STANLEY MATHER	"Stan"
ARISTOTLE MAVRODIES	"Mike"
CHARLES MONTAGNA	"Hepster"



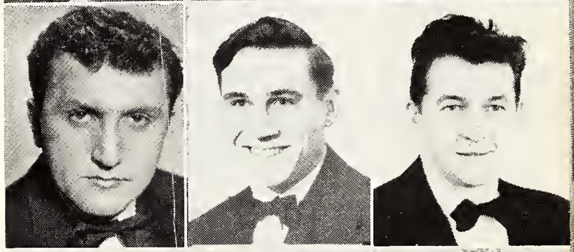
ROBERT NIEDERNHOFFER	"Buck"
WALTER NOBLE	"Walt"
LESLIE PORFITT	"Les"



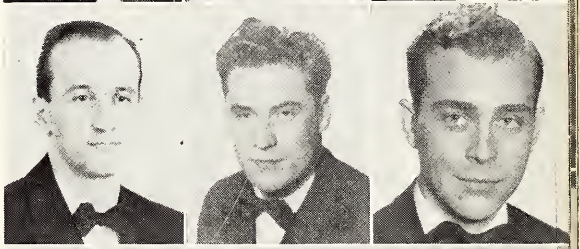
CHARLES PLANK	"Flash"
CHARLES POWERS	"Charlie"
ALBERT ROMEO	"Blood and Guts"



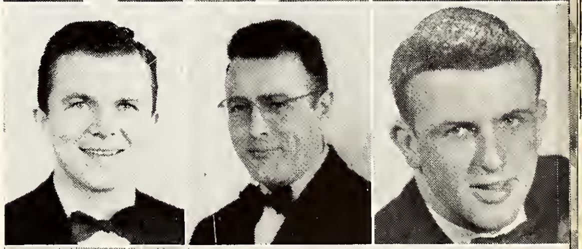
ERNEST ROMEO	"Be Bop"
FREDERICK SCHENCK	"Freddie"
KENNETH SCHLUNDT	"Ken"



WILLIAM SETLOCK	"Bill"
BOYD SMITH	"Boyd"
RICHARD STORK	"Dick"

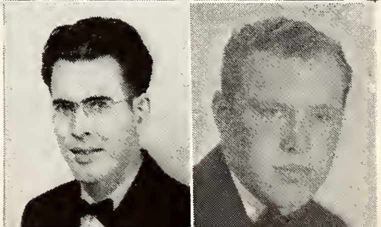


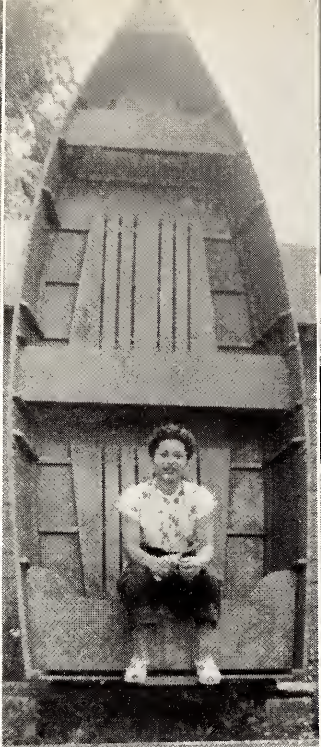
LOUIS SUMMERS	"Lou"
FLOYD TEHAN	"Flip"
WILLIAM THOMAS	"Hot Shot"

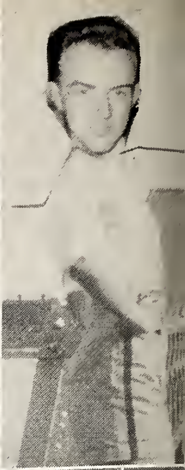
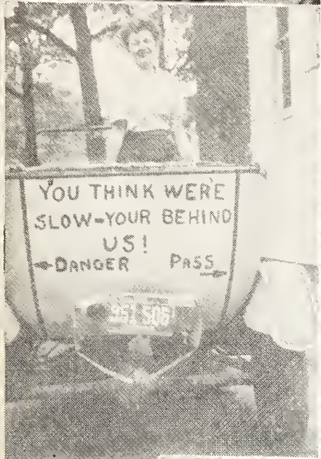


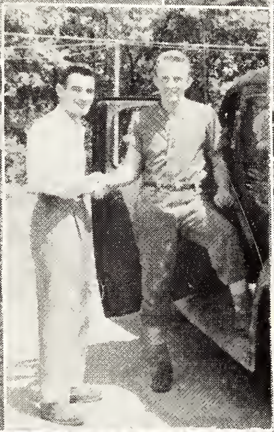
LLOYD THOMPSON	"Swen"
RAY W. WAGNER	"Ray"
SAMUEL YEAGER	"Good Sam"

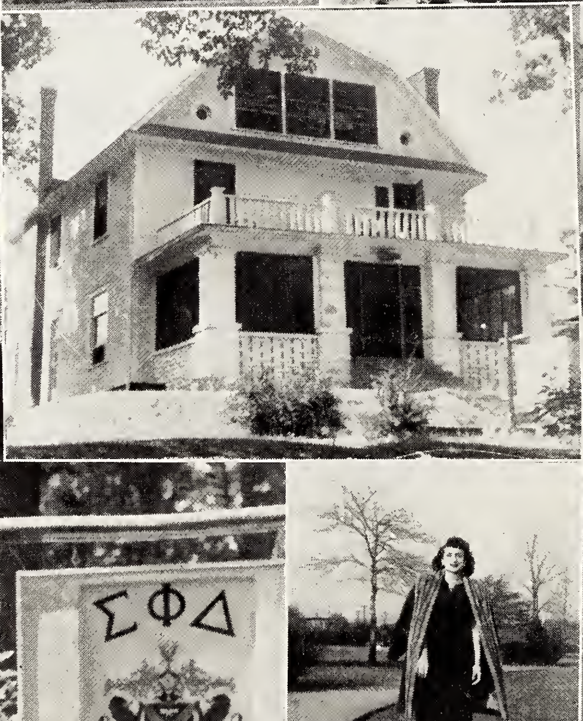
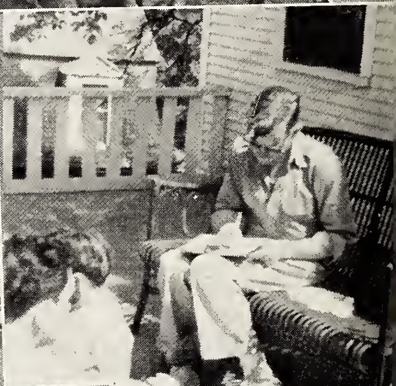
WILLIAM YOUNG	"Bill"
CHARLES ZANDERS	"Stoop"

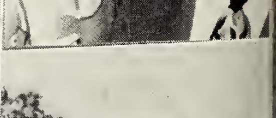
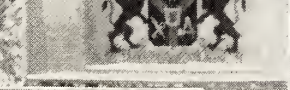






YOU THINK WE'RE
SLOW-YOUR BEHIND
US!
DANGER
PASS
351 506





ΣΦΔ

ΣΦΔ

TAU KAPPA EPSILON OFFICERS

First Row:
Lawrence Benson, *Secretary,* Russell Ruppert, *Historian,* Harold Campbell, *Sergeant-at-Arms*

Second Row:
Jack Eicher, *Vice President,* Donald Rice, *Assistant Pledge Master,* Martin R. Christiansen, *Treasurer.*

Back Row:
Robert Pitfield, *Chaplain,* Richard Evans, *President,* William Kladke, Jr., *Pledge Master.*

Tau Kappa Epsilon

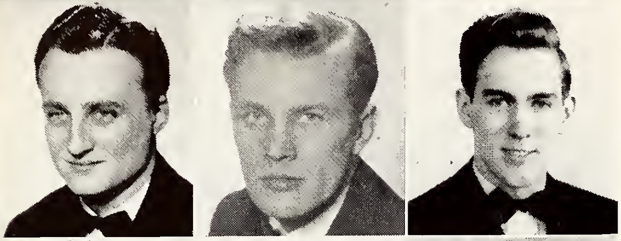
Expansion from Sigma Mu Sigma into Alpha Lambda Tau in 1935, and from Alpha Lambda Tau to Tau Kappa Epsilon in 1947 resulted in the organization that lives and works in the "house on the hill."

We believe that man is a social being. Our whole structure evidences the absolute interdependence of man. Reclusiveness is dwarfing to man's best qualities. Intimate and frequent contact with our fellows is necessary to symmetrical development. As a consequence, organizations whose purpose is to promote these ends are to be fostered and encouraged.

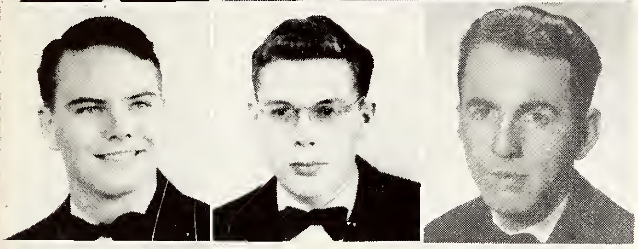
To those men who are leaving us this year, we wish success and happiness. We hope that the fraternal lesson will be as much help to you as it has been to countless others. To those who are beginning their lesson this year, we offer knowledge that is priceless.

Joan Ward, Sweetheart of Tau Kappa Epsilon

ERNEST BADER	*"Ernie"*
MAX H. BARD	*"Max"*
LAWRENCE E. BENSON	*"Larry"*

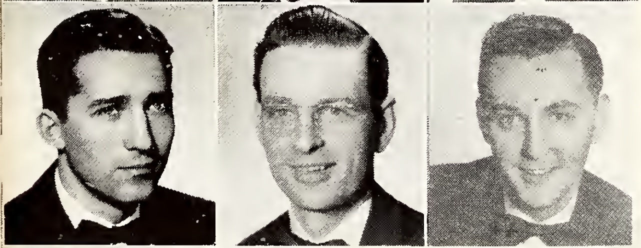


ARTHUR E. BROWN	*"Art"*
ROBERT E. BROOKSBANK	*"Bob"*
HAROLD F. CAMPBELL	*"Hal"*

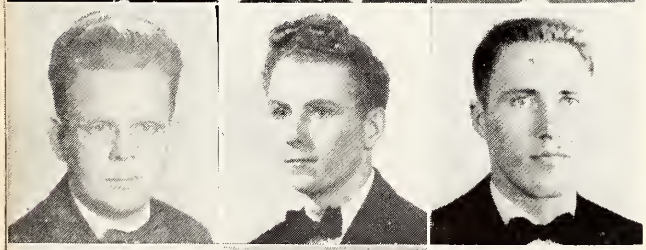


M. ROBERT CHRISTENSON	*"Bob"*
DALE COBBLE	*"Dale"*
HERBERT F. CRONIN	*"Herb"*

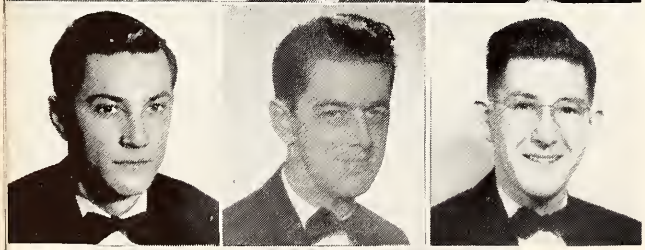
JAMES F. DANIEL	*"Jim"*
EUGENE R. DONOVAN	*"Gene"*
JOHN J. DUCKETT	*"Uncle John"*



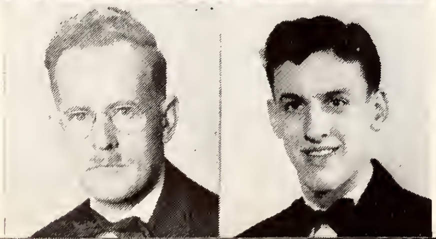
JACK M. EICHER	*"Jack"*
RICHARD A. EVANS	*"Dick"*
GORDON FRIES	



FRANK GABRIELSON	
RICHARD GASMIRE	*"Dick"*
JAMES R. GERHARD	*"Jim"*

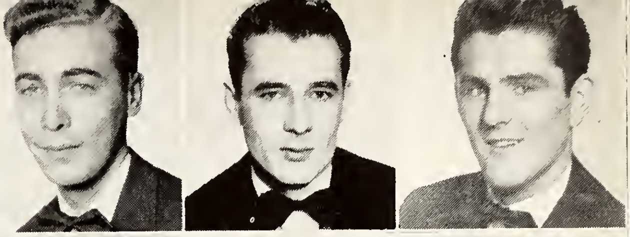


WILLARD G. HARTMAN	*"Will"*
QUINTIN HAWTHORNE	
RICHARD E. HUMBERT	*"Dick"*

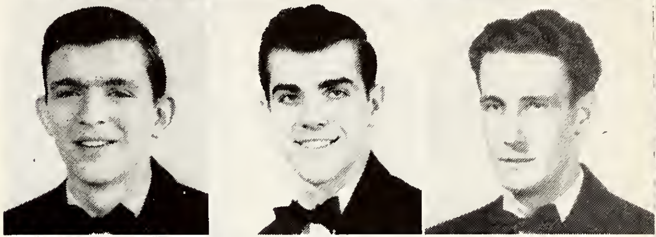


JOHN HUMPHRIES	
RALPH G. LANDRUM	*"Ralph"*

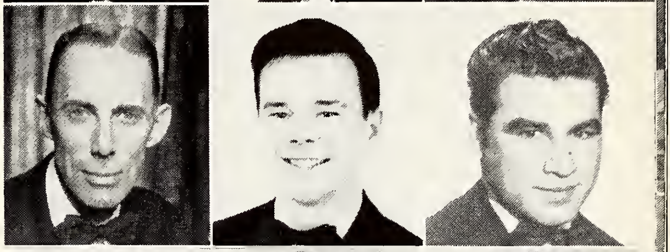
CHARLES K. McCONNELL .... "Al"
MATTHEW M. MICHALAK .... "Matt"
ROBERT P. MILLERICK .... "Moze"



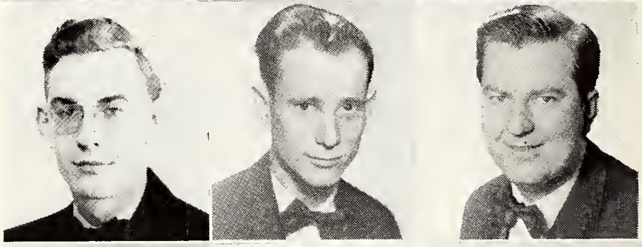
RICHARD E. PARLOW .... "Dick"
WAYNE H. PETERSON .... "Pete"
DONALD PHELPS .... "Don"



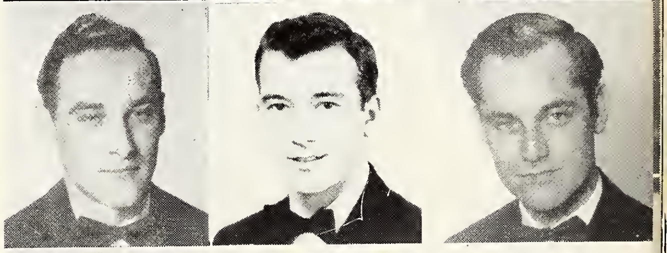
J. GLENN RADCLIFFE
DONALD E. RICE .... "Don"
VINCENT RIVA .... "Vinc"



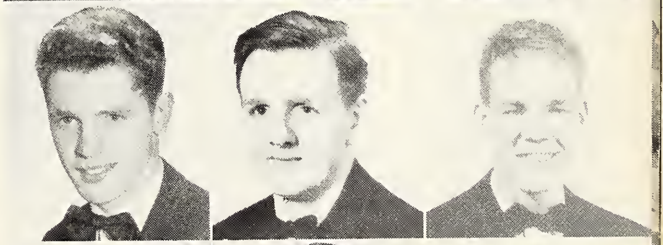
RUSSELL P. RUPPERT, JR. .... "Russ"
VERN D. SHIPLEY .... "Vern"
EMIL SITEK .... "Si"



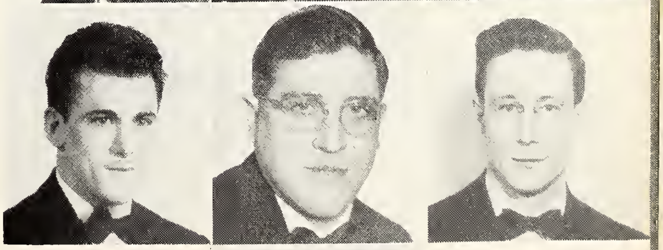
OLIVER J. SMITH .... "Smitty"
MICHAEL A. STRILICH .... "Mike"
NORTON H. SUTTON .... "Nort"



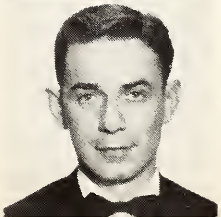
DALE TOWER .... "Dale"
RAYMOND URCH .... "Ray"
ROBERT J. VAN KAMPEN .... "Bob"

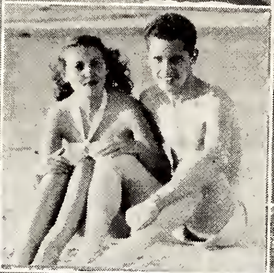


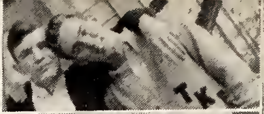
DONALD K. VAUGHN .... "Don"
WAYNE WARREN .... "Buck"
ARTHUR R. WETMORE .... "Dick"

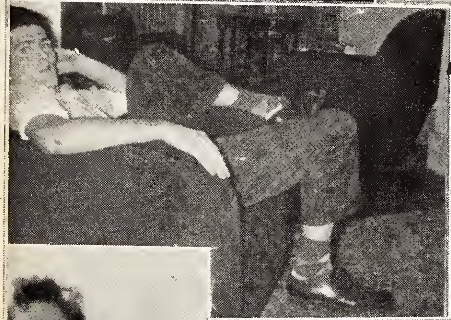


CHARLES YORK .... "Charlie"

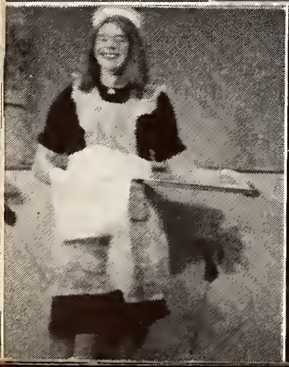





TK



Tau Kappa Epsilon
B E Chapter



Juliann Unterbrink, Sweetheart of Theta Mu Pi

Theta Mu Pi

In November of 1937 the Kadimah Society for students of Jewish Faith came into being on the campus of Tri-State College. The Board of Directors of the College officially recognized the organization on February 2, 1938. The society progressed from its humble beginning and in the fall of 1939 became the Theta Mu Pi fraternity.

Theta Mu Pi flourished with the years until early 1942 when due to the exodus of its members into the armed services, the activities of the fraternity were interrupted. The return of previously active members to the campus brought about the reactivation of the fraternity during the summer term of 1946.

The aim of Theta Mu Pi is to foster the educational, social, and spiritual life of its members. During the winter term of 1949 Theta Mu Pi elected to inaugurate another chapter into the fraternity. The original chapter shall be the Alpha chapter and shall be composed of members of Jewish faith. The new chapter shall be the Beta chapter and shall be non-sectarian.

THETA MU PI OFFICERS

Left To Right:

Charles R. Castle, *Secretary-Treasurer,* Louis Kaplan, *President,* Charles Klein, *Vice President.*

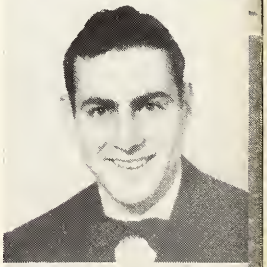
LEON GOLDBERG
"Goldie"

LOUIS HALIK
"Long Island"

HARRY HECKATHORN
"Heck"

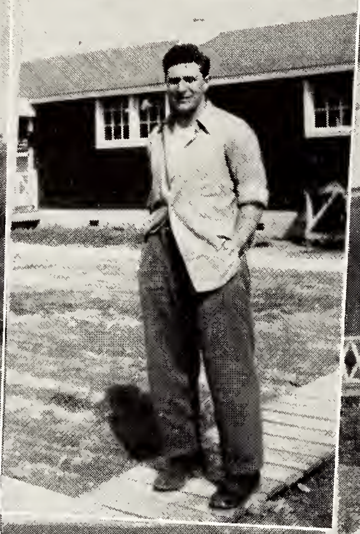
LOUIS KAPLAN
"Lou"

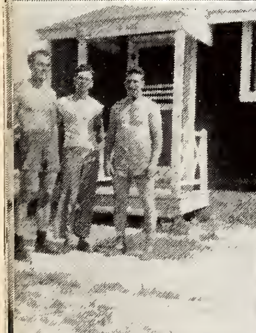
ALFRED J. MARCUS
"Lover"



ROBERT J. MELHADO
"Sleepy"

EDWARD SINGER
"Eddie"





Miss Mass

Beta Chapter

AMERICAN SOCIETY TOOL ENGINEERS OFFICERS

Left To Right:

Secretary, Willard G. Hartman, *President,* William J. B. Ingham, Jr., *Treasurer,* Ralph W. Pashby, *Vice President,* Otho B. Gill.

A. S. T. E.

With the aid of several members of the Fort Wayne Chapter No. 56, A.S.T.E., a number of persons here at Tri-State, who are also members of the A.S.T.E., organized the Tri-State Junior Division of Chapter No. 56. This group is composed not only of Mechanical Engineering students, but of all students interested in Tool Engineering. The aims of the Society embrace all engineering fields where manufacturing is a problem. Thus, any student who desires the association with a professional society promoting the "improvement of products through Tool Engineering" will benefit by this association.

At meetings, the group is presented with various educational films, technical literature, and talks by men in the Tool Engineering profession. The group has an opportunity to visit many factories and attend industrial expositions where they see the latest machine tools that are being produced. The members also attend monthly meetings of Chapter No. 56 in Fort Wayne.

TOP GROUP

FRONT ROW: Herbert G. Chin Yee, Gene J. Hawkins, Kenneth H. Hainsworth, Otho, B. Gill, Everett Harris, William J. B. Ingham, Jr., Willard G. Hartman, Ralph W. Pashby.

SECOND ROW: Richard S. Hauffe, Julius J. Bajek, William J. Unger, Rudolph A. Walters, Jr., Darwin A. Mixer, J. J. Weger, Robert F. Niedernhofer. Leonard R. Henry, Robert A. Fesser.

BACK ROW W. H. Outcalt, J. A. Henly, John H. Luker, Charles J. Ford, John W. Kay, Edwin A. Anderson, Charles Byham, William E. Outcalt, Walter N. Lenoff.

American Society Tool Engineers

BOTTOM GROUP

FIRST ROW: Clifford F. Harbeck, Melvin L. Kratzman, John C. Pataky, Minard F. Rose, Anthony S. Gucciardi, George E. Billman, Gilbert N. Hilt.

SECOND ROW: Paul Dnistran, Wayne H. Vande Steeg, William Bowman, James A. Prugh, Kenneth P. Black, Ben D. Selfridge, Donald D. Tews, Harry Wright, John H. Glinning.

BACK ROW: Harold E. Smith, Russell Dewitt, Henry Dyson, D. A. Walker, Edward Kolasinski, William C. Gingrich, Robert F. Sawyer, Donald G. Wysong, Gracian J. Schmizzi.

Chinese Club

This organization was founded in 1932, to form and strengthen the bonds of friendship among its members, to assist fellow-members and encourage high scholastic standards. Although the number of members is small, we have been working hard to make the organization function successfully.

First Row:
Thomas Young, Phillip L. Liu, Herbert Choy, Herbert G. Chin Yee, Robert W. Lee.

Second Row:
Tommy Wong, Dave Yee, Frank Lock, Quan Chin.

FRONT ROW: Lee Hirsch, Dick Ogota, Paul Stueckle, William King, Robert Megargle, Kenneth Chamberlin, Barbara Kindig.

SECOND ROW: Ray Kindig, Howard Jervis, Gurnal Jopson, John Black, Roy McLeod, Dr. Mason, Charles Bellahusen, John McCollum.

THIRD ROW: Charles McConnell, Marvin Groll, Bill Jones, Tom Miller, Richard Evans, Richard Trella, Fred Ullmer, Vern Shipley, Hugh Stryker.

All American Chorus

Sponsored by the Angola Post No. 31 of the American Legion, the Chorus, about twenty-five strong and still in its infancy, went to Indianapolis in August of 1947 and took part in the American Legion State Music Contest. Despite the keen competition, the Legion Chorus won second place honors. Again in August of 1948, under the guidance of Raymond and Barbara Kindig, the Legion Chorus took second place, competing against four other choruses throughout the state.

The Chorus, now firmly established in the community, has sung at all the Tri-State College Baccalaureates for the past two years and has participated in several of the school dance programs. They have performed for all the service organizations of Angola and have entertained their fellow Legionnaires at a number of district meetings.

TOP GROUP

FRONT ROW: Edwin A. Anderson, Anthony S. Gucciardi, Paul Dnistran, David Walker, William E. Outcalt, Ralph W. Pashby, Gene J. Hawkins.

SECOND ROW: Victor G. Hawk, John J. Weger, William F. Thomas, Robert F. Niedernhofer, Lloyd O. Thompson, Everett A. Harris, Leonard R. Henry.

BACK ROW: Norman F. Lang, Edward Kolasinski, Kenneth Parsons, Clifford F. Harbeck, Richard L. Ashville, Kenneth P. Black, Harry L. Roland, George E. Billman.

S. A. E.

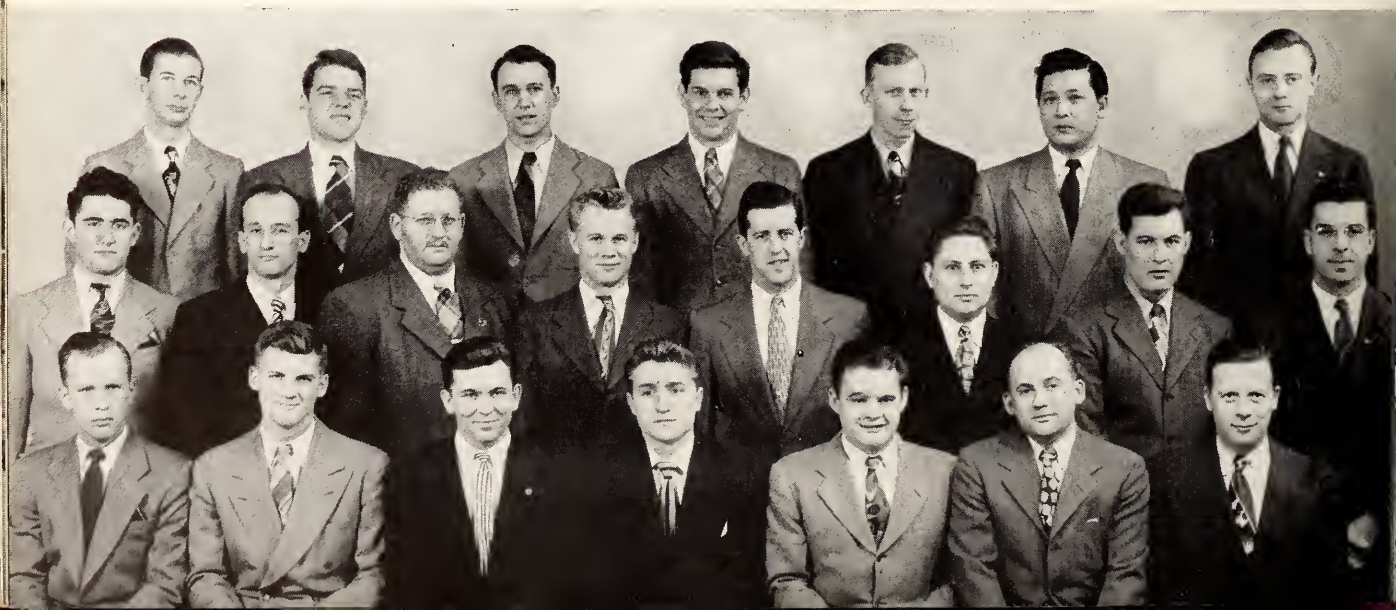
The Society of Automotive Engineers is a professional society "To promote the arts and sciences and engineering practices connected with the design, construction and utilization of automotive apparatus." The Tri-State Chapter was organized during the past year.

BOTTOM GROUP

FRONT ROW: Charles J. Ford, William J. Unger, Howard G. Heinig, J. J. Bajek, Otho B. Gill, John C. Pataky, Robert A. Fessor.

SECOND ROW: William B. Smith, William A. Setlock, Richard S. Hauffe, Willard J. Tamminga, James A. Prugh, John H. Luker, William Bowman, Samuel Alouisa.

BACK ROW: W. H. Outcalt, John H. Gunning, Camiel DeKegelaer, Robert W. Rood, Guy E. Kennedy, Herbert K. T. Choy, Charles E. Byham.



PHOTOGRAPHIC SOCIETY OFFICERS

LEFT TO RIGHT:

Robert W. Friend, *Treasurer,* Herbert G. Chin Yee, *Secretary,* Charles W. Freeburg, *Vice President,* John B. Bell, *President.*

The Photographic Society

The Photographic Society, which was formed in the Fall of 1946, has made an outstanding record during the past year. It has handled all the photographic work for the Athletic Department and the Booster Club. The bulk of the pictures appearing in the Tri-Angle and many of the excellent pictures in this Modulus must be credited to the Society.

FIRST ROW: Professor Stanley Acton, John B. Bell, Charles W. Freeberg, Robert W. Friend, Herbert G. Chin Yee.

SECOND ROW: Eric H. Andersen, William A. Setlock, Paul D. Willcox, Al Paddock, Vernon Johnson, Professor Gordon H. Fries, Orville W. Morris.

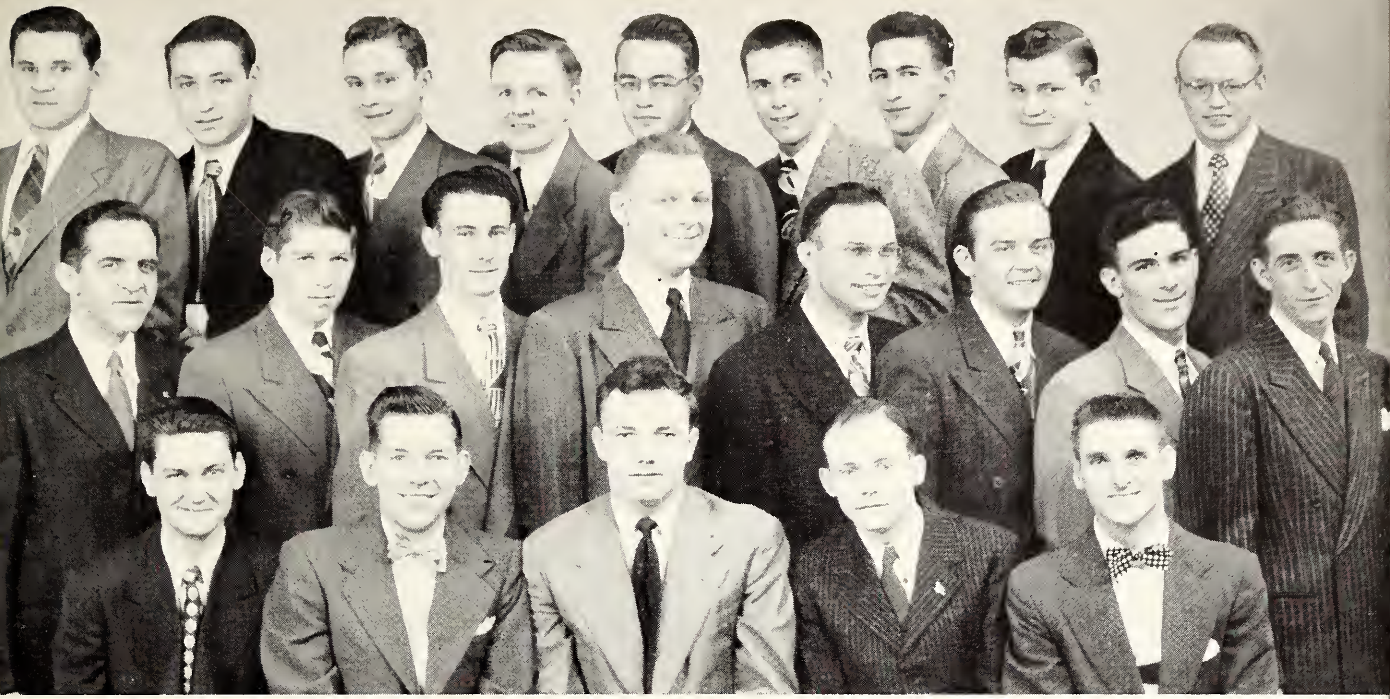
THIRD ROW: Joseph D. Hadad, Roberta Gardener, Donald F. Carter, Edward G. Delaney, Donald E. Johnson.

The Tri-State College Band

The Tri-State College band was first organized in 1938 by the late Professor Almon G. Harshman, whose efforts have set an example for this and future bands at Tri-State.

Early in 1947 Roy C. Bodie, Jr., re-organized the band and through his diligence and leadership it has grown to the organization we are so proud of today.

The band is noted for its versatility. The members hail from all parts of the globe; and within this group is found a proportional variety of musical backgrounds. This has enabled its concerts to include everything from soft accompaniment for the soloists to the heavy passages of overtures. At sports events a rousing march is often followed by a light fantasy in boogie-woogie or jazz, which delightfully proves that there are no "Squares" in the outfit.



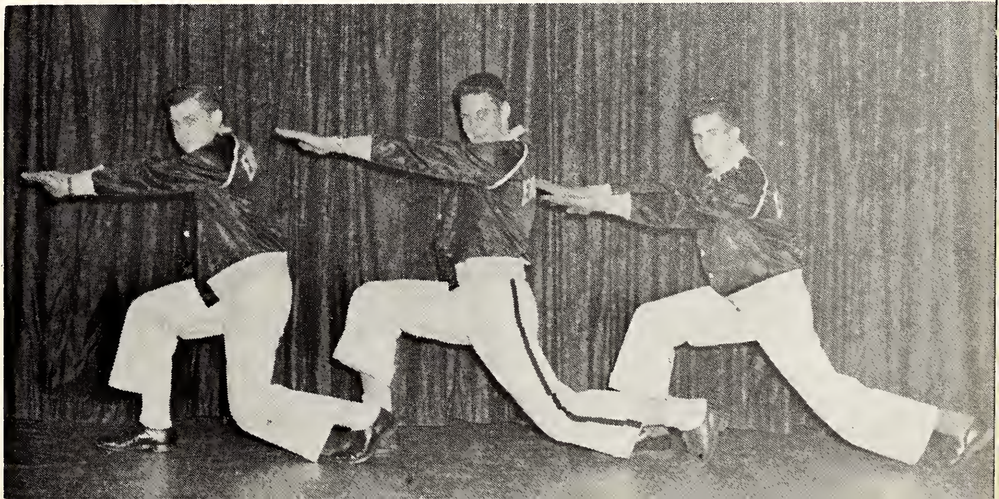
FIRST ROW: Donald J. Wine, T. Scott McCurdy, Donald F. Creedman, Ivan Nicodemus, Professor Ross A. Butler.

SECOND ROW: W. H. Reichardt, Harry A. Leng, Robert A. Fergus, James V. Dunn, Eugene D. Straight, Coach Robert Divine.

THIRD ROW: Charles E. Witt, Stanley I. Natowitz, O. E. Smith, Raymond L. Urch, Robert E. Henderson, Richard T. Mould, William C. Teagno, William O. Harris, John F. McVicar.

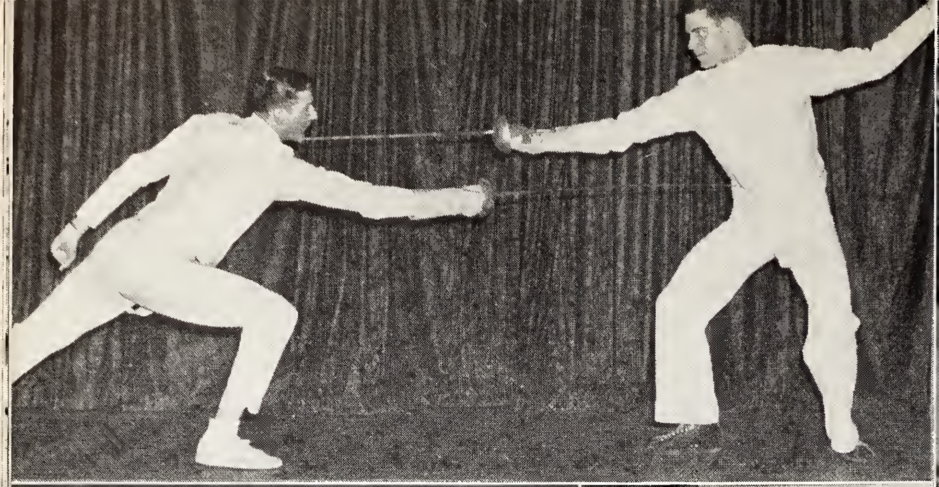
Boosters' Club

During the early part of the summer term the organization of the Boosters' Club was announced. The initial turnout was small but it was quite evident that the group was enthusiastic. The summer term was spent in outlining the aims of the club and the rules and regulations by which it should abide. It was agreed that the club would welcome students, faculty members and townspeople as members — to boost athletics at Tri-State. There would be no dues and the only membership requirement would be to have an interest in promoting Tri-State sports program.



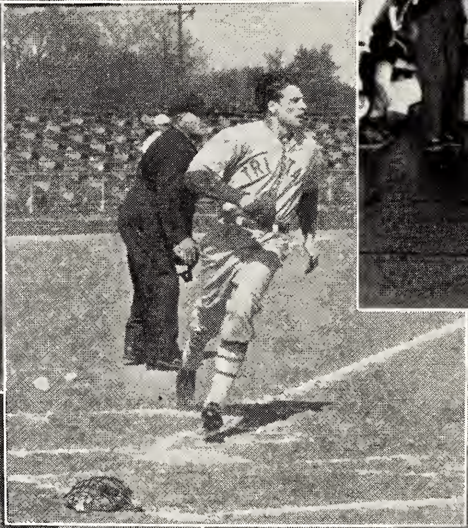
CHEER LEADERS

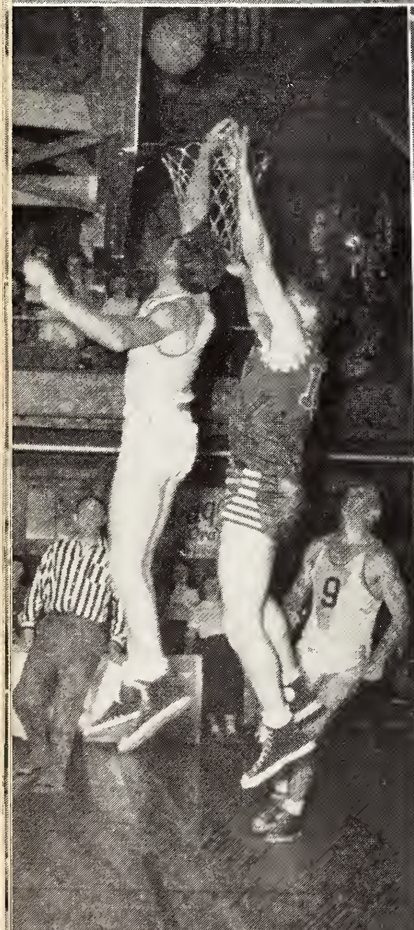
Left to Right: William O. Harris, Donald J. Wine, William C. Teagno.



99
16
10

ALL GAME TONIGHT
GYMNASIUM
8:00 P.M.


TRI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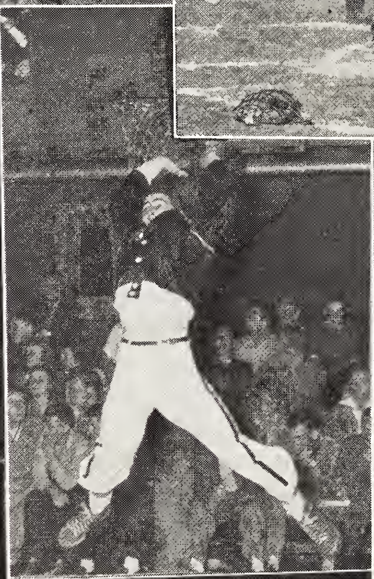

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10

SPORTS

ATHLETIC BOARD

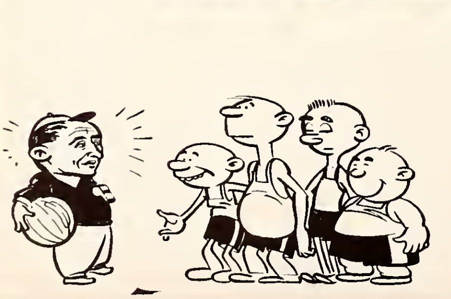
Left to right: Professor Ben B. Selfridge, Professor Robert Divine, Professor Kenneth C. Newnam, Professor Ross A. Butler, Charles E. Witt, Billy Sunday.

Athletic Board

The Athletic Board of Control establishes policies, determines the budget and sets eligibility standards for all athletics at Tri-State. This board is composed of seven members, three from the faculty, one from the Administrative Office, one representative from the student body, the Director of Athletics, and one alumnus.

COACH ROBERT B. DIVINE

Tri-State was very fortunate this year to have as athletic director a man of great ability and qualifications. Bob's pleasant personality and fine fieldmanship seem to promise a long and mutually beneficial stay for him and for the student body.



VARSITY BASKETBALL

FRONT ROW: Richard T. Mould, Manager; Salvatore N. Glasso, Lee D. Brown, Michael A. Strilich, Anthony F. Ramus, James J. Carver.

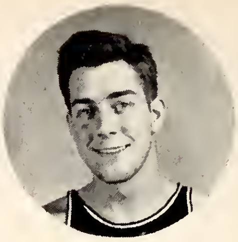
SECOND ROW: Coach Robert Divine, Robert J. Hemrick, Floyd R. Monroe, Robert A. Stevens, Dale E. Cobble, Robert P. Millerick, Raymond L. Urch, Manager.

THIRD ROW: James Bishop, Ronald E. Ehlinger, James F. Allen, George E. Keeling, Edward E. Lambert.

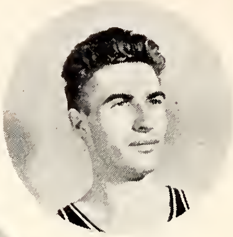
RESERVE BASKETBALL

FIRST ROW: Donald E. Gilbert, Casimir S. Strelinski, William E. Atchinson, Wilton J. Besemer, Robert M. Anthony.

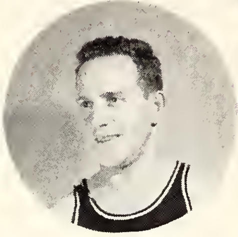
SECOND ROW: William J. Gonedridge, Lyle E. Gilbert, Philip C. Miller, James H. Allen, Ralph F. Fox, Donald K. Folsom, Wayne E. Rennaker.



James Bishop

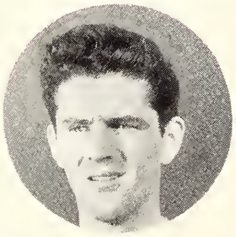


Ronald E. Ehlinger

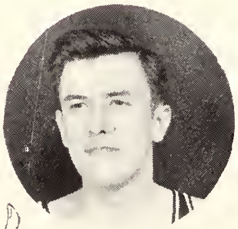


Salvadore N. Glasso

Lee D. Brown



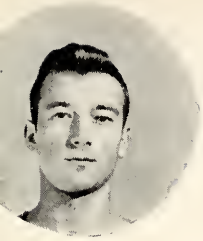
Robert P. Millerick



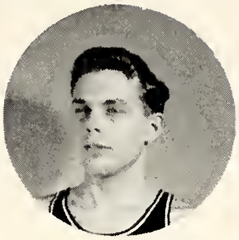
George E. Keeling

TRI-STATE COLLEGE 1948-1949 BASKETBALL SCHEDULE

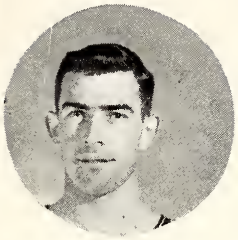
Opponent
Giffin College
Huntington College
Taylor University
Olivet College
Wabash College
Lawrence Tech.
Flint College
Assumption College
Assumption College
Detroit Tech.
Indiana Tech.
Benton Harbor College
Lawrence Tech.
Indiana Tech.
Taylor University
Huntington College
Lewis College
Olivet College
Indiana Central
Albion College
Lewis College
Benton Harbor College



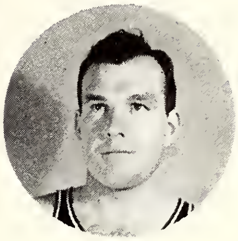
Michael A.
Strilich



Dale E.
Cobble



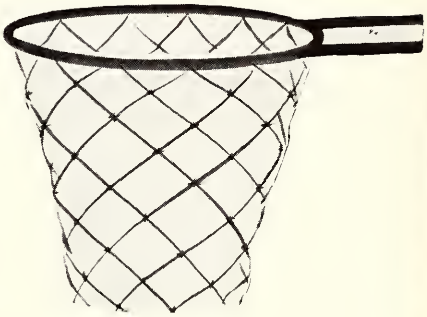
Robert J.
Hemrick



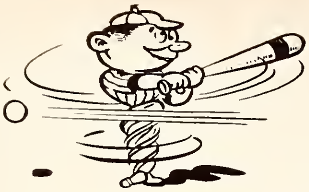
James F.
Allen

Basketball

The basketball team with a nucleus of six lettermen and sparked by the coaching of Robert B. Divine, overcame many difficulties last season to field a team that showed a definite and steady improvement as the season advanced. These men put on a great show, playing fast and hard every minute of every game; and the fans displayed much more spirit. There were also bigger crowds and higher gate receipts than in previous years.



The Engineers played such outstanding teams as Lawrence Tech, Wabash College, Assumption College and others. Tri-State will continue to schedule worthy opponents — and all concerned are hoping and working for an even better showing in the "won and lost" column during the coming season.



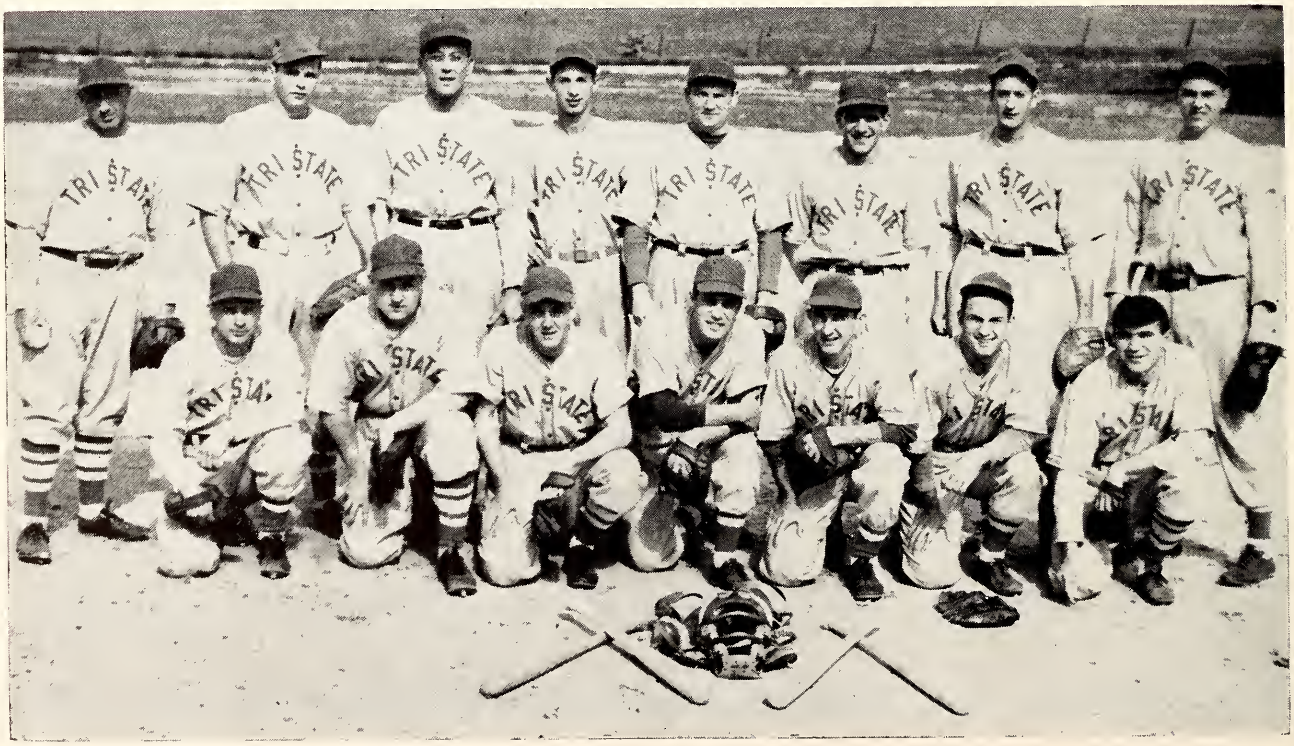
Baseball

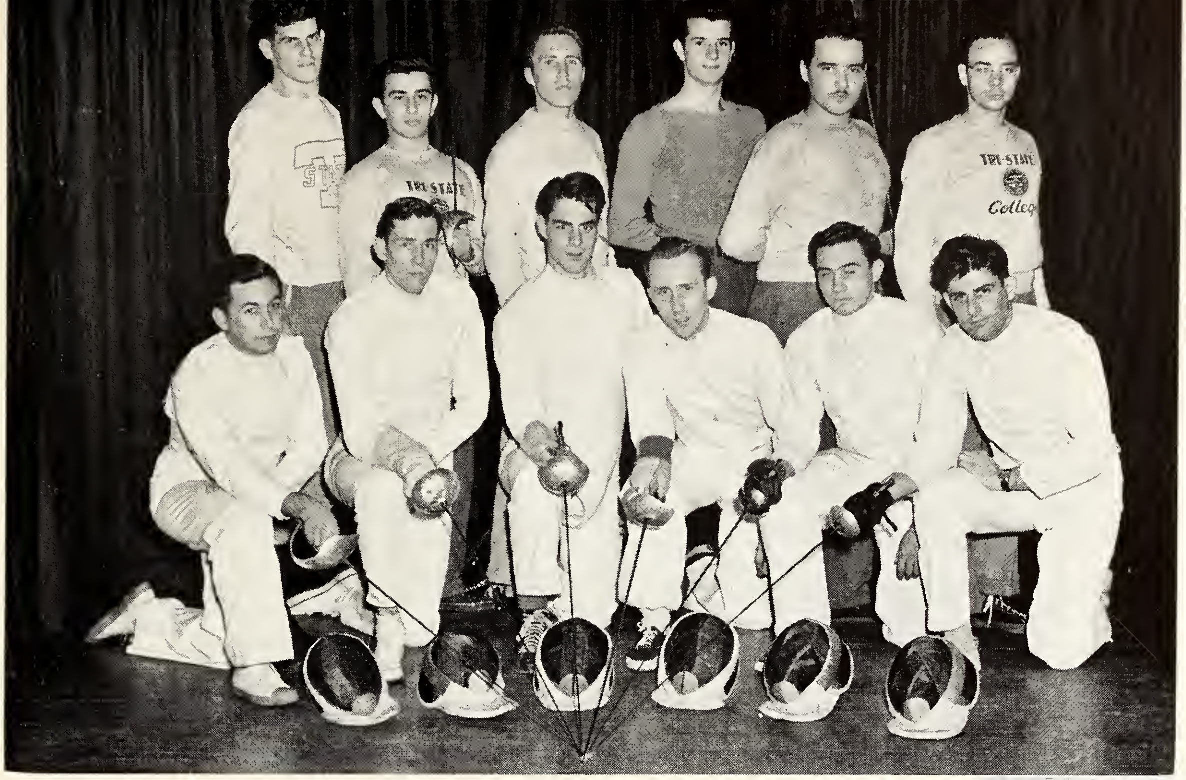
The baseball team, under Coach Bob Divine, is looking forward to the forthcoming season with a great deal of anticipation. A large number of men turned out for spring tryouts, making competition keen for all positions. Facilities have been made available for indoor practice, thus enabling the team to get an earlier start and dodge bad weather.

With the revised coaching staff and good material to work with, Tri-State is going to field a good team this year.

Standing:
Coach Emery Druckamiller, Frank Messier, Anthony Koptur, Elden Booth, Edward Buckley, Edward Tippenhaur, Robert Hale, John Diezk.

Kneeling:
Charles Priest, Victor Ganzer, Richard Greim, Joseph Chimenti, Robert Greim, William Burns, Lawrence Sanxter.





First Row:
Denis H. Lopez, Charles S. Pyne, Ralph H. Kocher, Robert W. Herr, Fred H. Schenck, Leonard V. Hoffman.

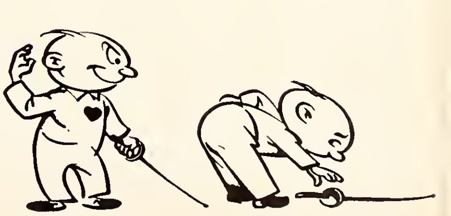
Second Row:
William F. Kladke, James R. Gerhard, Michael A. Sanossian, Robert W. Judy, Ladislao V. Sosa, Charles E. Brown.

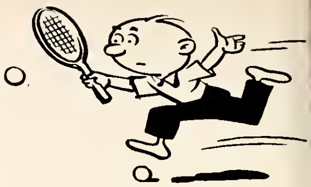
BEN SELFRIDGE
Coach

Fencing

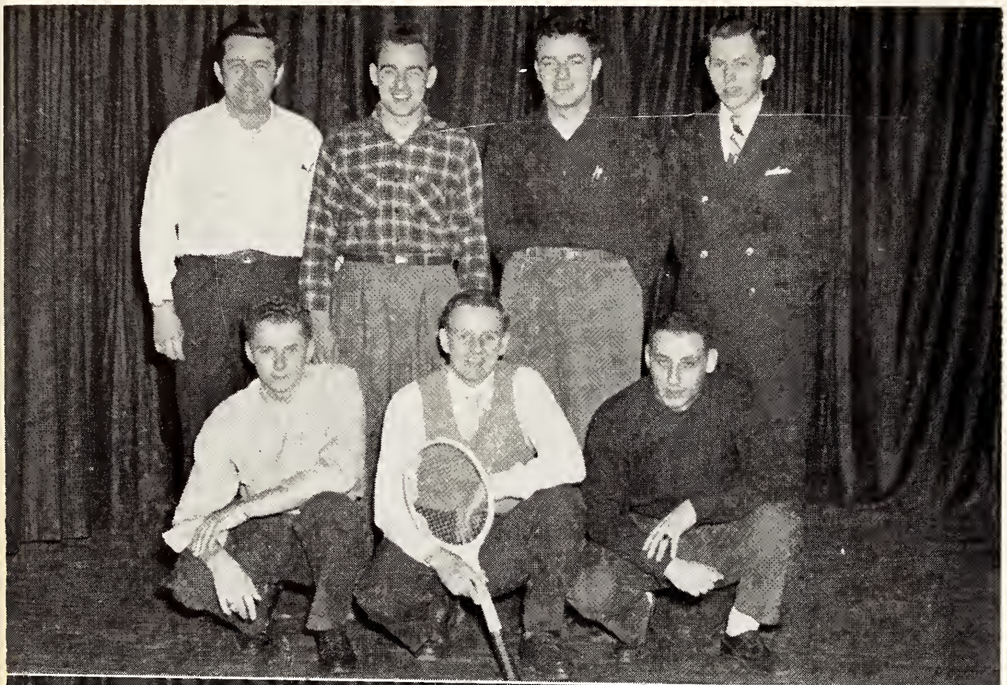
The Fall term found the fencing enthusiasts of Tri-State hard at work recruiting new members and following an intensified training program. The resulting team defeated Illinois Tech and Highland Park College and lost very close decisions to Lawrence Tech and the University of Detroit.

Tri-State can well admire the Buccaneers for their sportsmanship and teamwork. Due to the supervision of Faculty Advisor Ben D. Selfridge and combined efforts of the individuals on the squad, Tri-State is justly proud of its fencers.





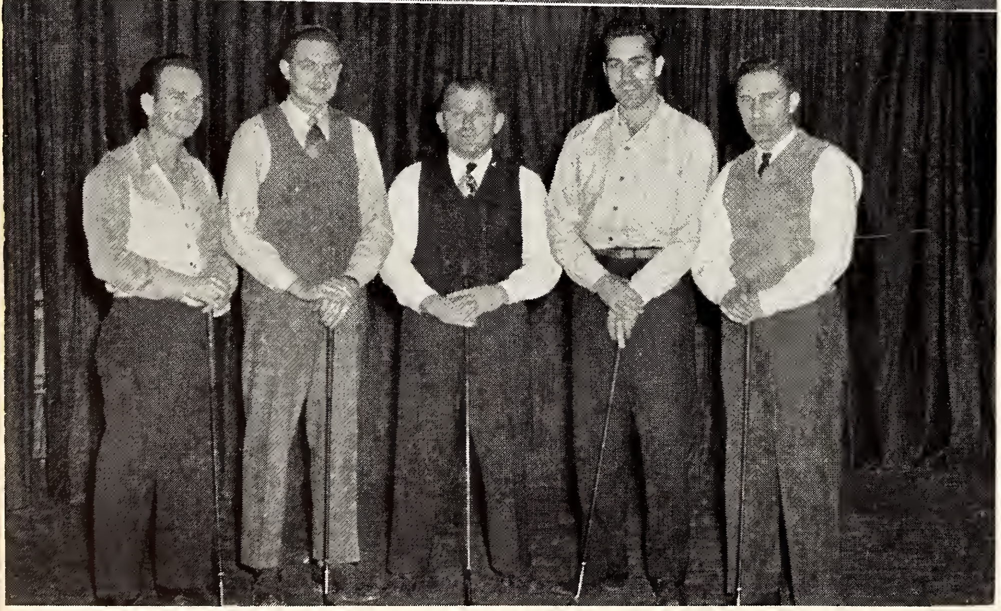
Tennis



The lack of tennis courts at Tri-State limits the activities of the team but it is the hope of the athletic department that the courts will be installed by next spring. Three matches have been scheduled. The team will also enter the State meet.

FIRST ROW: Richard C. Gasmire, Raymond L. Urch, Stanley I. Natowitz.

SECOND ROW: Richard E. Hunt, Howard M. Sullivan, Donald F. Creedman, David R. Hosler.

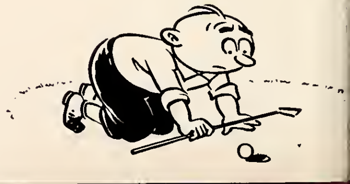


Golf was revived at Tri-State in the Spring of 1948, due to the efforts of Professor Clifford L. Adams and Ralph F. Fox. Practice was held daily at the Lake James Country Club and playoffs took place in April of that year.

With five lettermen returning, Tri-State has high hopes of improving last Spring's record.

LEFT TO RIGHT: Joseph A. Sowa, Don L. Casterline, Stanley A. Abramowicz, Ralph F. Fox, Paul Kostyshak.

Golf



Inter-Fraternity Championships

Inter-Fraternity sports again took the spotlight this year with activity in basketball, bowling, softball, and touch football.

INTER-FRATERNITY BOWLING

Alpha Sigma Phi

Front Row: Donald J. Holwerda, Harry M. Speake.

Standing: Joseph D. Casilio, Alex Schultz, William R. Johnson.

INTER-FRATERNITY SOFTBALL

Sigma Phi Delta

Front Row: Lloyd O. Thompson, Charles Plank, Captain, Robert F. Niedernhofer, Theodore E. Gooch.

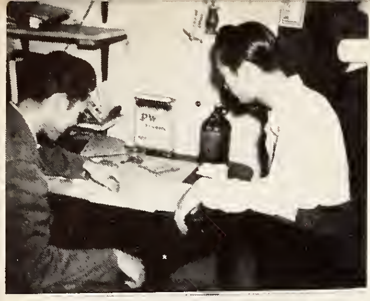
Standing: Julius J. Bajek, Mathew Lubas, Charles T. Montagna, Edward B. Decker, Charles McClune.

INTER-FRATERNITY FOOTBALL

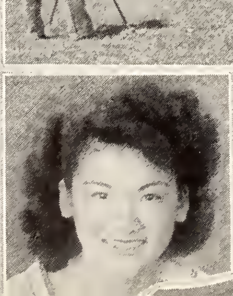
Phi Kappa

First Row: Carmine DeSpirito, George E. Muller, R. E. Lynch, Salvatore S. Leo, James Gaffney (Captain), W. Ladislaus.

Second Row: Victor F. Mainente, William H. Andolsek, John J. Dzick, Robert Gucciardi, Anthony Gucciardi, Robert C. Olson.


PW

FROST LINES



Autographs

Advertising Manager
T.Gucciardi

Advertising

T—is for the TIME you spent in soliciting ads.

H—is for the HOURS you spent in getting copy.

A—is for the many ADS you sold in this book.

N—is for the NEVER SAY DIE SPIRIT when the answer was no.

K—is for the KNOWLEDGE you received in your dealings with Angola business men.

Y—is for the YEARNING you must have felt when you had one more ad to reach your goal.

O—is for the OUTDOOR EXERCISE you gained by going from merchant to merchant in search of ads.

U—is for YOU the members of the 1949 Advertising Staff who made possible the advertising section and who helped in many ways to make the 1949 Modulus possible.

Best Wishes

From

ACADEMIC AND ADMINISTRATIVE

BODIES

of

TRI-STATE COLLEGE

May Your Success Be Our Reward

Bledsoes Beach

LAKE JAMES

DANCING SWIMMING

THE AMUSEMENT CENTER

The Best Of Success To You

COMPLIMENTS OF

Patrons:

- Rolland J. Weaver—Insurance
- Ray D. Hosack—Hosack's Music House
- Fred A. Barr—Launderette
- Crooked Lake's Hollywood Landing
- The Pines

CONGRATULATIONS TO THE CLASS OF '49

Compliments Of

THE BROKAW THEATRE

Always A Good Show

COMPLIMENTS OF

THE COLLEGE BOOK STORE

Cleon Wells, Manager

BEST WISHES

From

THE COLLEGE CAFETERIA

"On The Campus"

George Clark, Manager

THE WEATHERHEAD COMPANY

Gasoline and Oil Proof Flexible Hose
Choke Controls—Drain Cocks—Tube Fittings
Punch Press and Automatic Screw
Machine Products

ANGOLA, INDIANA

COMPLIMENTS OF

The College Recreation Hall

COAL---

BUILDERS' SUPPLIES

BRICK AND TILE

HEATING EQUIPMENT

Angola Brick & Tile Company

Phone 255

THANKS

For Your Patronage, Fellows!

Best of Luck in Years to Come

STRAND

"House of Hits"

Congratulations - - -

We congratulate the Modulus Staff on a difficult job exceptionally well done. Through their efforts the Modulus once again is being produced on time.

STEUBEN PRINTING COMPANY

"Printing That Pleases"

SILVER LAKE COURT

CABINS AND BOATS

Phone 804-Y

3½ Miles W. of Angola on U. S. 20

COMPLIMENTS OF

HENDRY HOTEL

Lewis O. Doty, Proprietor

Robert Plant, Mgr.

COMPLIMENTS OF

THROOP FLORIST

FLOWERS FOR ALL OCCASIONS

Phone 310 We Wire Flowers

BEST WISHES OF

DIXIE SANDWICH SHOP

301 W. Maumee St. Open 24 Hours

COMPLIMENTS OF

THE GULF TOWER

Pontiac Sales And Service

Bob Lamoreaux Phone 20

LEMLEY'S LAUNDRY

DRY CLEANING

Phone 532

COMPLIMENTS OF

MEYER BOAT LIVERY

Lake James, Indiana

THE CAPTAIN'S CABIN

On Crooked Lake

FAMOUS STEAKS AND CHICKEN DINNERS

BOYCE'S DRIVE-IN

FINE FOODS

North of Angola on Route No. 27

ANGOLA CABIN CAMP

MODERN CABINS
TRAILER PARKING

1 Mile East of Angola on U. S. 20

MORRIS RESTAURANT

GOOD FOOD REASONABLE PRICES

Between the Theaters

Angola, Indiana

DANIEL SHANK LUMBER COMPANY

"Everything to Build With"

Jo R. Bakstad, M.E., 1912

COMPLIMENTS OF

Maxton Chevrolet

BEST WISHES

CLINE'S STUDIO

COMPLIMENTS OF

ALWOOD MOTORS

Ford Sales and Service

Angola, Ind. Phone 98

COMPLIMENTS OF

THE UNIQUE CAFE

COMPLIMENTS OF

BUCK'S RECREATION

COMPLIMENTS OF

Duke's Soda-Snack Bar

Congratulations To The Class of '49

FIRST NATIONAL BANK

OF ANGOLA

We Appreciate Students' Accounts

Member Federal System and Federal Deposit Insurance Corp.

COMPLIMENTS OF

The Cardinal Cafe

COMPLIMENTS OF

HEIDELBERG CAFE, Inc.

Loyd Haynes, Mgr.

COMPLIMENTS OF

LAKELAND RADIO SUPPLY

H. H. Stevens

Sharon Ann Floral Shop

For Flowers

For Your Musical Needs—

Angola Music Center

308 East Maumee St. Phone 615

George R. Hammitt

KRATZ DRUG STORE

The Rexall Drug Store

Compliments to the Class of '49

COMPLIMENTS OF

TRI-STATE HABERDASHERY

Always the Smartest

TUTTLE'S JEWELRY

108 W. Maumee St.

KEEPSAKE DIAMONDS

Every Dollar That You Save Prepares You For that Jobless Day.
Your Money Deposited With This Bank Is Insured And Tax Free

ANGOLA STATE BANK

The Bank With The Clock

MEMBER FEDERAL DEPOSIT INSURANCE CORP.

Jantzen Swim Wear
Lee Hats

JARRARD'S
MEN'S WEAR

Florsheim Shoes
Arrow Shirts

COMPLIMENTS OF

SUNRISE DAIRY

Best Wishes

ANGOLA LIQUOR STORE

115 No. Elizabeth St. Phone 139

Fred E. Smith

DISTINCTIVE GIFTS

Greeting Cards *Decorative Accessories*

213 W. Maumee St. Angola, Ind.

For Dependable Used Cars

JOE KOLB

ANGOLA, INDIANA

Northeastern Indiana's Largest Used Car Dealer

Thanks Fellows for Your Fine Patronage
and Congratulations on Your Graduation

HARMAN'S LADIES SHOPPE

"For Finer Fashions"

North Public Square

COMPLIMENTS OF

McBRIDE'S

Dependable Dry Cleaning

Phone 277

COMPLIMENTS OF

The Page Dairy Company

"Eat Page Ice Cream"

Angola, Indiana Phone 21

FAMOUS C&C VALUES
CASH AND CARRY

AT PENNEY'S

COMPLIMENTS OF

Loyal Order of Moose

Angola Lodge No. 1568

Angola, Indiana

Congratulations Fellows

THE GAY BARN

Plenty of Room To Sit and Talk

907 S. Wayne

Phone 353-L

ANGOLA SHOE REPAIR
SHOP

R. O. Yoder

G & K NEWS STAND

A Complete Line Of News and
Literary Desires

Phone 200

Compliments Of

Wilson Bros.

GAYCREST DAIRY

Compliments Of

LAKE JAMES COUNTRY
CLUB

George Elliott, Mgr.

Compliments Of

SELMAN
HEATING and PLUMBING
CO.

GOLDEN AUTO PARTS

Compliments Of

KOLB BROS. DRUG STORE

Ralph N. Frisinger, Prop.

Compliments Of

LOUI'S SWEET SHOP

Compliments Of

COLLEGE GROCERY

Groceries, Meats, and Produce
Best Wishes To Class of '49

Nina Johnson, Prop., Phone 220

Thanks Fellas

Good Luck

CAMPUS BARBER SHOP

Best Wishes

EVANS FOOD SHOP

HARLEY MANN
BODY SHOP

Bear Frame and Wheel
Alignment

Phone 3 Road U. S. 27

One Mile North of Angola

Best Wishes

LARRY'S LUNCH

LOOMIS DRUG STORE

Walgreen Agency

Phone 307 Angola, Ind.

ANGOLA DRESS SHOP

Men's — TED'S — Wear

Compliments Of
WILLIAM'S GROCERY

ANGOLA BAKING CO.

FOUTZ ELECTRIC SHOP

THE EAT RESTAURANT
106 W. Maumee St.

CONGRATULATIONS

To the members of the Tri-State College
Graduating Class of 1949

THE MODULUS STAFF

Autographs

Autographs

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TRI-STATE COLLEGE
ANGOLA, IND.

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